



Clinical trial results:

A Phase II, randomized, double blind, parallel group, 46 weeks dose-finding study of BI 456906 administered once weekly subcutaneously compared with placebo in patients with obesity or overweight

Summary

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|--------------------------|-----------------|
| EudraCT number | 2020-002479-37 |
| Trial protocol | SE IE NL BE DE |
| Global end of trial date | 07 October 2022 |

Results information

| | |
|--------------------------------|-----------------|
| Result version number | v1 (current) |
| This version publication date | 22 October 2023 |
| First version publication date | 22 October 2023 |

Trial information

Trial identification

| | |
|-----------------------|-----------|
| Sponsor protocol code | 1404-0036 |
|-----------------------|-----------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT04667377 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Boehringer Ingelheim |
| Sponsor organisation address | Binger Straße 173, Ingelheim am Rhein, Germany, 55216 |
| Public contact | Boehringer Ingelheim, Call Centre, Boehringer Ingelheim, 001 18002430127, clintriage.rdg@boehringer-ingelheim.com |
| Scientific contact | Boehringer Ingelheim, Call Centre, Boehringer Ingelheim, 001 18002430127, clintriage.rdg@boehringer-ingelheim.com |

Notes:

Paediatric regulatory details

| | |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP) | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

Results analysis stage

| | |
|--|-------------------|
| Analysis stage | Final |
| Date of interim/final analysis | 22 November 2022 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 15 September 2022 |
| Global end of trial reached? | Yes |
| Global end of trial date | 07 October 2022 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The primary objective was to demonstrate proof of clinical concept (PoCC) with respect to a non-flat dose response curve and to define a suitable dose escalation scheme and dose range for BI 456906 regarding safety, tolerability, and efficacy, for further pivotal testing in Phase III studies.

Protection of trial subjects:

Only subjects that met all the study inclusion and none of the exclusion criteria were to be entered in the study. All subjects were free to withdraw from the clinical trial at any time for any reason given. Close monitoring of all subjects was adhered to throughout the trial conduct.

Background therapy: -

Evidence for comparator: -

| | |
|---|---------------|
| Actual start date of recruitment | 30 March 2021 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | Yes |

Notes:

Population of trial subjects**Subjects enrolled per country**

| | |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | Australia: 44 |
| Country: Number of subjects enrolled | Belgium: 8 |
| Country: Number of subjects enrolled | Canada: 118 |
| Country: Number of subjects enrolled | China: 14 |
| Country: Number of subjects enrolled | Germany: 12 |
| Country: Number of subjects enrolled | Netherlands: 29 |
| Country: Number of subjects enrolled | New Zealand: 14 |
| Country: Number of subjects enrolled | Poland: 23 |
| Country: Number of subjects enrolled | Korea, Republic of: 25 |
| Country: Number of subjects enrolled | Sweden: 40 |
| Country: Number of subjects enrolled | United Kingdom: 10 |
| Country: Number of subjects enrolled | United States: 183 |
| Worldwide total number of subjects | 520 |
| EEA total number of subjects | 112 |

Notes:

| Subjects enrolled per age group | |
|---|-----|
| In utero | 0 |
| Preterm newborn - gestational age < 37 wk | 0 |
| Newborns (0-27 days) | 0 |
| Infants and toddlers (28 days-23 months) | 0 |
| Children (2-11 years) | 0 |
| Adolescents (12-17 years) | 0 |
| Adults (18-64 years) | 447 |
| From 65 to 84 years | 73 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

This was a randomised, double-blinded, parallel-design, placebo-controlled, multi-national, and multi-centre study with four different BI 456906 maintenance doses (ranging from 0.6 mg/week to 4.8 mg/week) in subjects with obesity or overweight (body mass index (BMI) ≥ 27 kg/m²), and without diabetes mellitus.

Pre-assignment

Screening details:

All subjects were screened for eligibility prior to participation in the trial. Subjects attended a specialist site which ensured that they (the subjects) strictly met all inclusion and none of the exclusion criteria. (Trial) participants were not to be allocated to a treatment group if any of the entry criteria were violated.

Period 1

| | |
|------------------------------|--|
| Period 1 title | Randomised |
| Is this the baseline period? | No |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Investigator, Carer, Assessor, Subject |

Blinding implementation details:

Subjects, investigators, central reviewers, and everyone involved in trial conduct or analysis, or with any other interest in this trial, remained blinded about the randomised treatment assignments until after the database lock. The data monitoring committee (DMC) was provided with unblinded data to allow them to fulfil their tasks as outlined in the DMC charter. An independent team, not otherwise involved in the conduct of the trial, provided the unblinded results to the DMC.

Arms

| | |
|------------------------------|--|
| Are arms mutually exclusive? | Yes |
| Arm title | 0.6 mg BI 456906 - planned maintenance treatment |

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events (AEs) had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subjects was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|--|
| Arm title | 2.4 mg BI 456906 - planned maintenance treatment |
|------------------|--|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subject with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|--|
| Arm title | 3.6 mg BI 456906 - planned maintenance treatment |
|------------------|--|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|--|
| Arm title | 4.8 mg BI 456906 - planned maintenance treatment |
|------------------|--|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of

0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|---------|
| Arm title | Placebo |
|------------------|---------|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

| | |
|--|------------------------|
| Arm type | Placebo |
| Investigational medicinal product name | Placebo |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

| Number of subjects in period 1 | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment |
|---------------------------------------|--|--|--|
| Started | 78 | 78 | 77 |
| Treated during dose escalation period | 77 | 78 | 77 |
| Completed | 77 | 78 | 76 |
| Not completed | 1 | 0 | 1 |
| No post-baseline efficacy data | - | - | 1 |
| Not treated | 1 | - | - |

| | | |
|---------------------------------------|----------------------------|---------|
| Number of subjects in period 1 | 4.8 mg BI 456906 - planned | Placebo |
|---------------------------------------|----------------------------|---------|

| | maintenance treatment | |
|---------------------------------------|-----------------------|----|
| Started | 77 | 77 |
| Treated during dose escalation period | 77 | 77 |
| Completed | 76 | 77 |
| Not completed | 1 | 0 |
| No post-baseline efficacy data | 1 | - |
| Not treated | - | - |

Period 2

| | |
|------------------------------|--|
| Period 2 title | Full analysis set (FAS) |
| Is this the baseline period? | Yes ^[1] |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Subject, Investigator, Carer, Assessor |

Blinding implementation details:

Subjects, investigators, central reviewers, and everyone involved in trial conduct or analysis, or with any other interest in this trial, remained blinded about the randomised treatment assignments until after the database lock. The data monitoring committee (DMC) was provided with unblinded data to allow them to fulfil their tasks as outlined in the DMC charter. An independent team, not otherwise involved in the conduct of the trial, provided the unblinded results to the DMC.

Arms

| | |
|------------------------------|--|
| Are arms mutually exclusive? | Yes |
| Arm title | 0.6 mg BI 456906 - planned maintenance treatment |

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|--|
| Arm title | 2.4 mg BI 456906 - planned maintenance treatment |
|------------------|--|

Arm description:

Subject with obesity or overweight were administered a solution for injection of BI 456906, by a weekly

subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subject with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|--|
| Arm title | 3.6 mg BI 456906 - planned maintenance treatment |
|------------------|--|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|--|
| Arm title | 4.8 mg BI 456906 - planned maintenance treatment |
|------------------|--|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose

escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|--|------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | BI 456906 |
| Investigational medicinal product code | |
| Other name | Survodutide |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|------------------|---------|
| Arm title | Placebo |
|------------------|---------|

Arm description:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

| | |
|--|------------------------|
| Arm type | Placebo |
| Investigational medicinal product name | Placebo |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Solution for injection |
| Routes of administration | Subcutaneous use |

Dosage and administration details:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

Notes:

[1] - Period 1 is not the baseline period. It is expected that period 1 will be the baseline period.

Justification: Period with number of subjects included in the full analysis set (FAS) is used as baseline period.

| Number of subjects in period 2^[2] | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment |
|---|--|--|--|
| Started | 77 | 78 | 76 |
| Treated during maintenance period | 55 | 60 | 59 |
| Completed | 47 | 45 | 48 |
| Not completed | 30 | 33 | 28 |
| Adverse event, non-fatal | 15 | 20 | 19 |
| Lost to Follow-up | 1 | 1 | 1 |
| Perceived lack of efficacy | - | 2 | 1 |
| COVID-related | - | - | 1 |
| Burden of study procedures | 3 | 3 | 1 |

| | | | |
|---------------------------|---|---|---|
| Other not specified below | 5 | 3 | 5 |
| Change of residence | - | 1 | - |
| Missing | 1 | - | - |
| Protocol deviation | 3 | 2 | - |
| Withdrawal by subject | 2 | 1 | - |

| Number of subjects in period 2 ^[2] | 4.8 mg BI 456906 - planned maintenance treatment | Placebo |
|---|--|---------|
| | | |
| Started | 76 | 77 |
| Treated during maintenance period | 55 | 57 |
| Completed | 47 | 46 |
| Not completed | 29 | 31 |
| Adverse event, non-fatal | 22 | 4 |
| Lost to Follow-up | - | 1 |
| Perceived lack of efficacy | - | 7 |
| COVID-related | 1 | - |
| Burden of study procedures | 1 | 5 |
| Other not specified below | 3 | 9 |
| Change of residence | - | 1 |
| Missing | - | - |
| Protocol deviation | 2 | 2 |
| Withdrawal by subject | - | 2 |

Notes:

[2] - The number of subjects reported to be in the baseline period are not the same as the worldwide number enrolled in the trial. It is expected that these numbers will be the same.

Justification: Worldwide 520 were enrolled, whereof 387 were actually randomised in the trial and 384 were included in the baseline period (FAS).

Baseline characteristics

Reporting groups

| | |
|-----------------------|--|
| Reporting group title | 0.6 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 2.4 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subject with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 3.6 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 4.8 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|---------|
| Reporting group title | Placebo |
|-----------------------|---------|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

| Reporting group values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment |
|------------------------|--|--|--|
| Number of subjects | 77 | 78 | 76 |

| | | | |
|---|---------|---------|---------|
| Age categorical | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Subjects | | | |
| Adults (18-64 years) | 67 | 68 | 68 |
| Elderly (From 65-84 years) | 10 | 10 | 8 |
| Age Continuous | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: years | | | |
| arithmetic mean | 48.6 | 49.0 | 50.3 |
| standard deviation | ± 12.6 | ± 13.1 | ± 11.8 |
| Sex: Female, Male | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Participants | | | |
| Female | 51 | 54 | 51 |
| Male | 26 | 24 | 25 |
| Race (NIH/OMB) | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 0 | 0 |
| Asian | 8 | 9 | 9 |
| Native Hawaiian or Other Pacific Islander | 0 | 0 | 0 |
| Black or African American | 10 | 8 | 3 |
| White | 59 | 60 | 63 |
| More than one race | 0 | 1 | 1 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Ethnicity (NIH/OMB) | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Subjects | | | |
| Hispanic or Latino | 3 | 1 | 2 |
| Not Hispanic or Latino | 74 | 77 | 74 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Body weight at baseline | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Kilogram (kg) | | | |
| arithmetic mean | 106.98 | 106.57 | 104.68 |
| standard deviation | ± 18.71 | ± 22.97 | ± 19.63 |

| | | | |
|---|--|---------|-------|
| Reporting group values | 4.8 mg BI 456906 - planned maintenance treatment | Placebo | Total |
| Number of subjects | 76 | 77 | 384 |
| Age categorical | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Subjects | | | |
| Adults (18-64 years) | 66 | 66 | 335 |
| Elderly (From 65-84 years) | 10 | 11 | 49 |

| | | | |
|---|---------|---------|-----|
| Age Continuous | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: years | | | |
| arithmetic mean | 47.6 | 50.0 | |
| standard deviation | ± 13.5 | ± 13.5 | - |
| Sex: Female, Male | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Participants | | | |
| Female | 53 | 53 | 262 |
| Male | 23 | 24 | 122 |
| Race (NIH/OMB) | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Subjects | | | |
| American Indian or Alaska Native | 1 | 0 | 1 |
| Asian | 7 | 7 | 40 |
| Native Hawaiian or Other Pacific Islander | 1 | 1 | 2 |
| Black or African American | 8 | 8 | 37 |
| White | 59 | 60 | 301 |
| More than one race | 0 | 1 | 3 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Ethnicity (NIH/OMB) | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Subjects | | | |
| Hispanic or Latino | 6 | 5 | 17 |
| Not Hispanic or Latino | 70 | 72 | 367 |
| Unknown or Not Reported | 0 | 0 | 0 |
| Body weight at baseline | | | |
| Full analysis set (FAS): All randomised patients who received at least one dose of trial medication and who had analysable data for at least one efficacy endpoint. | | | |
| Units: Kilogram (kg) | | | |
| arithmetic mean | 105.86 | 104.32 | |
| standard deviation | ± 17.39 | ± 22.95 | - |

End points

End points reporting groups

| | |
|-----------------------|--|
| Reporting group title | 0.6 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events (AEs) had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subjects was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 2.4 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 3.6 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 4.8 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|---------|
| Reporting group title | Placebo |
|-----------------------|---------|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

| | |
|-----------------------|--|
| Reporting group title | 0.6 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the

option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 2.4 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subject with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 3.6 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|--|
| Reporting group title | 4.8 mg BI 456906 - planned maintenance treatment |
|-----------------------|--|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|---------|
| Reporting group title | Placebo |
|-----------------------|---------|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

Primary: Percentage change in body weight from baseline to Week 46

| | |
|-----------------|---|
| End point title | Percentage change in body weight from baseline to Week 46 |
|-----------------|---|

End point description:

Percentage change in body weight from baseline to Week 46 was modeled using a mixed model for repeated measures (MMRM) with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures, an unstructured covariance matrix to model within subject measurements, adjusted mean (standard error) at Week 46 is reported. For analysis, all available post-baseline body weight measurements (on- and off-treatment) were used, except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. That is, a hypothetical strategy was used for intercurrent event (ICE) "COVID-19 pandemic-related early treatment discontinuation", a treatment policy strategy for ICE "non-pandemic-related early treatment discontinuation".

FAS, using planned maintenance treatment.

| | |
|----------------|---------|
| End point type | Primary |
|----------------|---------|

End point timeframe:

Baseline, Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46.

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 76 | 78 | 76 | 76 |
| Units: Percentage change | | | | |
| least squares mean (standard error) | -6.19 (\pm 1.07) | -12.51 (\pm 1.01) | -13.22 (\pm 1.04) | -14.94 (\pm 1.01) |

| End point values | Placebo | | | |
|-------------------------------------|---------------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 77 | | | |
| Units: Percentage change | | | | |
| least squares mean (standard error) | -2.82 (\pm 1.06) | | | |

Statistical analyses

Statistical analysis title

MCP-mod - Exponential model fit

Statistical analysis description:

A flat vs. non-flat dose-response relationship across the 4 doses of BI 456906 and placebo was tested using the Multiple Comparison Procedure - Modelling (MCP-Mod) approach which evaluated simultaneously 5 different potential dose-response patterns (Linear, Exponential, Emax1, Emax2, Sigmoid Emax) while protecting the overall probability of type I error (one-sided alpha of 2.5%).

| | |
|---|---|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v 2.4 mg BI 456906 - planned maintenance treatment v 3.6 mg BI 456906 - planned maintenance treatment v 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 383 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[1] |
| P-value | < 0.0001 ^[2] |
| Method | MCP-Mod - Exponential model fit |

Notes:

[1] - Covariate adjusted fixed effect estimates of mean percentage change in body weight at Week 46 for each treatment group with associated covariance matrix were extracted from the MMRM (including fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors) and used as input for the MCP-Mod.

Model Assumption: 50% of maximum effect achieved at dose 3.6 mg.

[2] - P-value is adjusted for multiplicity.

Statistical analysis title

MCP-mod - Linear model fit

Statistical analysis description:

A flat vs. non-flat dose-response relationship across the 4 doses of BI 456906 and placebo was tested using the Multiple Comparison Procedure - Modelling (MCP-Mod) approach which evaluated simultaneously 5 different potential dose-response patterns (Linear, Exponential, Emax1, Emax2,

Sigmoid Emax) while protecting the overall probability of type I error (one-sided alpha of 2.5%).

| | |
|---|---|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v 2.4 mg BI 456906 - planned maintenance treatment v 3.6 mg BI 456906 - planned maintenance treatment v 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 383 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[3] |
| P-value | < 0.0001 ^[4] |
| Method | MCP-Mod - Linear model fit |

Notes:

[3] - Covariate adjusted fixed effect estimates of mean percentage change in body weight at Week 46 for each treatment group with associated covariance matrix were extracted from the MMRM (including fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors) and used as input for the MCP-Mod.

[4] - P-value is adjusted for multiplicity.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 4.8 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 153 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[5] |
| P-value | < 0.0001 ^[6] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -12.12 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -15 |
| upper limit | -9.24 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.46 |

Notes:

[5] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[6] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 0.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|-------------------|--|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
|-------------------|--|

| | |
|---|------------------------------|
| Number of subjects included in analysis | 153 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[7] |
| P-value | = 0.0257 ^[8] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -3.37 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -6.33 |
| upper limit | -0.41 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.5 |

Notes:

[7] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[8] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 2.4 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 155 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[9] |
| P-value | < 0.0001 ^[10] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -9.69 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -12.57 |
| upper limit | -6.81 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.46 |

Notes:

[9] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[10] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 3.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|-------------------|--|
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
|-------------------|--|

| | |
|---|------------------------------|
| Number of subjects included in analysis | 153 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[11] |
| P-value | < 0.0001 ^[12] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -10.4 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -13.32 |
| upper limit | -7.49 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.48 |

Notes:

[11] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[12] - P-value is considered nominal.

| | |
|-----------------------------------|---------------------------|
| Statistical analysis title | MCP-mod - Emax2 model fit |
|-----------------------------------|---------------------------|

Statistical analysis description:

A flat vs. non-flat dose-response relationship across the 4 doses of BI 456906 and placebo was tested using the Multiple Comparison Procedure - Modelling (MCP-Mod) approach which evaluated simultaneously 5 different potential dose-response patterns (Linear, Exponential, Emax1, Emax2, Sigmoid Emax) while protecting the overall probability of type I error (one-sided alpha of 2.5%).

| | |
|---|---|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v 2.4 mg BI 456906 - planned maintenance treatment v 3.6 mg BI 456906 - planned maintenance treatment v 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 383 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[13] |
| P-value | < 0.0001 ^[14] |
| Method | MCP-Mod - Emax2 model fit |

Notes:

[13] - Covariate adjusted fixed effect estimates of mean percentage change in body weight at Week 46 for each treatment group with associated covariance matrix were extracted from the MMRM (including fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors) and used as input for the MCP-Mod.

Model Assumption: 70% of maximum effect achieved at dose 4.8 mg.

[14] - P-value is adjusted for multiplicity.

| | |
|-----------------------------------|---------------------------|
| Statistical analysis title | MCP-mod - Emax1 model fit |
|-----------------------------------|---------------------------|

Statistical analysis description:

A flat vs. non-flat dose-response relationship across the 4 doses of BI 456906 and placebo was tested using the Multiple Comparison Procedure - Modelling (MCP-Mod) approach which evaluated simultaneously 5 different potential dose-response patterns (Linear, Exponential, Emax1, Emax2, Sigmoid Emax) while protecting the overall probability of type I error (one-sided alpha of 2.5%).

| | |
|-------------------|---|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v 2.4 mg BI 456906 - planned maintenance treatment v 3.6 mg BI 456906 - planned maintenance treatment v 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
|-------------------|---|

| | |
|---|---------------------------|
| Number of subjects included in analysis | 383 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[15] |
| P-value | < 0.0001 ^[16] |
| Method | MCP-Mod - Emax1 model fit |

Notes:

[15] - Covariate adjusted fixed effect estimates of mean percentage change in body weight at Week 46 for each treatment group with associated covariance matrix were extracted from the MMRM (including fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors) and used as input for the MCP-Mod.

Model Assumption: 90% of maximum effect achieved at dose 4.8 mg.

[16] - P-value is adjusted for multiplicity.

| | |
|-----------------------------------|----------------------------------|
| Statistical analysis title | MCP-mod - Sigmoid Emax model fit |
|-----------------------------------|----------------------------------|

Statistical analysis description:

Multiple comparison procedure and Modeling (MCP-Mod) dose finding analysis to simultaneously evaluate different potential dose response patterns (Linear, Exponential, Emax1, Emax2, Sigmoid Emax), whilst protecting the overall probability of Type 1 error (one-sided, 2.5%) to identify the best-fitting model. Null hypothesis: There is a flat dose-response curve across the placebo and the BI 456906 dose groups with regard to the percentage change in body weight from baseline to Week 46.

| | |
|---|---|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v 2.4 mg BI 456906 - planned maintenance treatment v 3.6 mg BI 456906 - planned maintenance treatment v 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 383 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[17] |
| P-value | < 0.0001 ^[18] |
| Method | MCP-Mod - Sigmoid Emax model fit |

Notes:

[17] - Model Assumption: 50% of maximum effect achieved at dose 2.4 mg, 90% of maximum effect achieved at dose 4.8 mg.

[18] - P-value is adjusted for multiplicity.

Secondary: Weight loss of $\geq 5\%$ of baseline weight at Week 46

| | |
|-----------------|---|
| End point title | Weight loss of $\geq 5\%$ of baseline weight at Week 46 |
|-----------------|---|

End point description:

Weight loss of greater than or equal to 5 percent ($\geq 5\%$) of baseline weight at Week 46 (yes/no), reported as percentage of subjects who achieved a weight loss of $\geq 5\%$ of baseline weight at Week 46. For analysis, all available post-baseline body weight measurements (on- and off-treatment) were used, except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. Percentages were rounded to one decimal place.

Full analysis set (all randomised subjects who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint) using planned maintenance treatment.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

At baseline and at Week 46.

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 56 | 58 | 61 | 64 |
| Units: Percentage of subjects | | | | |
| number (not applicable) | 60.7 | 81.0 | 82.0 | 82.8 |

| End point values | Placebo | | | |
|-------------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 54 | | | |
| Units: Percentage of subjects | | | | |
| number (not applicable) | 25.9 | | | |

Statistical analyses

| Statistical analysis title | Logistic regression - 0.6 mg BI vs Placebo |
|----------------------------|--|
|----------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| | |
|---|--|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[19] |
| P-value | = 0.0015 ^[20] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 3.28 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 1.57 |
| upper limit | 6.84 |

Notes:

[19] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss ≥ 5% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[20] - P-value is considered nominal.

| Statistical analysis title | Logistic regression - 4.8 mg BI vs Placebo |
|----------------------------|--|
|----------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug)

and off-treatment), except for participants who discontinued treatment early due to COVID, only the on-treatment post-baseline body weight measurements were used.

| | |
|---|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 118 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[21] |
| P-value | < 0.0001 ^[22] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 10.77 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 4.77 |
| upper limit | 24.31 |

Notes:

[21] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 5% at Week 46 (yes/no)" were derived per participant in each of the 1000 imputed datasets.

Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[22] - P-value is considered nominal.

| | |
|-----------------------------------|--|
| Statistical analysis title | Logistic regression - 3.6 mg BI vs Placebo |
|-----------------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| | |
|---|--|
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 115 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[23] |
| P-value | < 0.0001 ^[24] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 7.48 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 3.41 |
| upper limit | 16.41 |

Notes:

[23] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 5% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[24] - P-value is considered nominal.

| | |
|-----------------------------------|--|
| Statistical analysis title | Logistic regression - 2.4 mg BI vs Placebo |
|-----------------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight

measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| | |
|---|--|
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 112 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[25] |
| P-value | < 0.0001 ^[26] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 8.83 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 4 |
| upper limit | 19.46 |

Notes:

[25] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 5% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[26] - P-value is considered nominal.

Secondary: Weight loss of \geq 10% of baseline weight at Week 46

| | |
|------------------------|--|
| End point title | Weight loss of \geq 10% of baseline weight at Week 46 |
| End point description: | Weight loss of greater than or equal to 10 percent (\geq 10%) of baseline weight at Week 46 (yes/no), reported as percentage of subjects who achieved a weight loss of \geq 10% of baseline weight at Week 46. For analysis, all available post-baseline body weight measurements (on- and off-treatment) were used, except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. Percentages were rounded to one decimal place. Full analysis set (all randomised subjects who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint) using planned maintenance treatment. |
| End point type | Secondary |
| End point timeframe: | At baseline and at Week 46. |

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 56 | 58 | 61 | 64 |
| Units: Percentage of subjects | | | | |
| number (not applicable) | 33.9 | 65.5 | 65.6 | 68.8 |

| | | | | |
|------------------|---------|--|--|--|
| End point values | Placebo | | | |
|------------------|---------|--|--|--|

| | | | | |
|-------------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 54 | | | |
| Units: Percentage of subjects | | | | |
| number (not applicable) | 11.1 | | | |

Statistical analyses

| | |
|---|--|
| Statistical analysis title | Logistic regression - 0.6 mg BI vs Placebo |
| Statistical analysis description: | |
| Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. | |
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[27] |
| P-value | = 0.012 ^[28] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 3.22 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 1.29 |
| upper limit | 8.02 |

Notes:

[27] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 10% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[28] - P-value is considered nominal.

| | |
|---|--|
| Statistical analysis title | Logistic regression - 2.4 mg BI vs Placebo |
| Statistical analysis description: | |
| Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. | |
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 112 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[29] |
| P-value | < 0.0001 ^[30] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 10.62 |

| Confidence interval | |
|---------------------|---------|
| level | 95 % |
| sides | 2-sided |
| lower limit | 4.36 |
| upper limit | 25.86 |

Notes:

[29] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 10% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[30] - P-value is considered nominal.

| Statistical analysis title | Logistic regression - 3.6 mg BI vs Placebo |
|----------------------------|--|
|----------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
|---|--|
| Number of subjects included in analysis | 115 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[31] |
| P-value | < 0.0001 ^[32] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 9.78 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 4.02 |
| upper limit | 23.79 |

Notes:

[31] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 10% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[32] - P-value is considered nominal.

| Statistical analysis title | Logistic regression - 4.8 mg BI vs Placebo |
|----------------------------|--|
|----------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| | |
|-------------------|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
|-------------------|--|

| | |
|---|--------------------------|
| Number of subjects included in analysis | 118 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[33] |
| P-value | < 0.0001 ^[34] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 14.5 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 5.91 |
| upper limit | 35.55 |

Notes:

[33] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 10% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[34] - P-value is considered nominal.

Secondary: Weight loss of \geq 15% of baseline weight at Week 46

| | |
|------------------------|--|
| End point title | Weight loss of \geq 15% of baseline weight at Week 46 |
| End point description: | Weight loss of greater than or equal to 15 percent (\geq 15%) of baseline weight at Week 46 (yes/no), reported as percentage of subjects who achieved a weight loss of \geq 15% of baseline weight at Week 46. For analysis, all available post-baseline body weight measurements (on- and off-treatment) were used, except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. Percentages were rounded to one decimal place. Full analysis set (all randomised subjects who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint) using planned maintenance treatment. |
| End point type | Secondary |
| End point timeframe: | At baseline and at Week 46. |

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 56 | 58 | 61 | 64 |
| Units: Percentage of subjects | | | | |
| number (not applicable) | 12.5 | 37.9 | 45.9 | 54.7 |

| End point values | Placebo | | | |
|-------------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 54 | | | |
| Units: Percentage of subjects | | | | |
| number (not applicable) | 5.6 | | | |

Statistical analyses

| | |
|--|--|
| Statistical analysis title | Logistic regression - 0.6 mg BI vs Placebo |
| Statistical analysis description: Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. | |
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 110 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[35] |
| P-value | = 0.2654 ^[36] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 2.13 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 0.56 |
| upper limit | 8.02 |

Notes:

[35] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 15% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[36] - P-value is considered nominal.

| | |
|--|--|
| Statistical analysis title | Logistic regression - 4.8 mg BI vs Placebo |
| Statistical analysis description: Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used. | |
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 118 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[37] |
| P-value | < 0.0001 ^[38] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 21.02 |

| Confidence interval | |
|---------------------|---------|
| level | 95 % |
| sides | 2-sided |
| lower limit | 6.47 |
| upper limit | 68.28 |

Notes:

[37] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 15% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method. Odds ratio is calculated as BI 456906 / Placebo.

[38] - P-value is considered nominal.

| Statistical analysis title | Logistic regression - 3.6 mg BI vs Placebo |
|----------------------------|--|
|----------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| | |
|---|--|
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 115 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[39] |
| P-value | < 0.0001 ^[40] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 11.79 |

| Confidence interval | |
|---------------------|---------|
| level | 95 % |
| sides | 2-sided |
| lower limit | 3.62 |
| upper limit | 38.36 |

Notes:

[39] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 15% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method. Odds ratio is calculated as BI 456906 / Placebo.

[40] - P-value is considered nominal.

| Statistical analysis title | Logistic regression - 2.4 mg BI vs Placebo |
|----------------------------|--|
|----------------------------|--|

Statistical analysis description:

Logistic regression after multiple imputation. Analysis based on all available post-baseline body weight measurements (on-treatment (first intake of study drug until 28 days after last intake of study drug) and off-treatment), except those for subjects who discontinued treatment early due to COVID-19. For these subjects only on-treatment values were used.

| | |
|---|--|
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 112 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[41] |
| P-value | = 0.0002 ^[42] |
| Method | Regression, Logistic |
| Parameter estimate | Odds ratio (OR) |
| Point estimate | 9.47 |

| | |
|---------------------|---------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | 2.89 |
| upper limit | 30.95 |

Notes:

[41] - Missing body weight measurements were multiply imputed using MMRM with treatment, gender, baseline body weight as factors. "Percentage change in body weight from baseline to Week 46" and "Body weight loss \geq 15% at Week 46 (yes/no)" were derived per subject in each of the 1000 imputed datasets. Each dataset was analysed by a logistic regression. Multiple estimates from multiple imputation runs were summarised using Rubin's method.

Odds ratio is calculated as BI 456906 / Placebo.

[42] - P-value is considered nominal.

Secondary: Absolute change in body weight from baseline to Week 46

| | |
|-----------------|---|
| End point title | Absolute change in body weight from baseline to Week 46 |
|-----------------|---|

End point description:

Absolute change in body weight from baseline to Week 46 was modeled using a mixed model for repeated measures (MMRM) with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit (Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46) as repeated measures and an unstructured covariance matrix to model within subject measurements, adjusted mean (standard error) at Week 46 is reported. MMRM analysis was performed on the Full analysis set (FAS, all randomised participants who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint), using planned maintenance treatment (dose assigned at randomisation) and including only on-treatment data, regardless of whether early treatment discontinuation was COVID-19 related.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46.

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 75 | 78 | 76 | 76 |
| Units: Kilogram (kg) | | | | |
| least squares mean (standard error) | -7.21 (\pm 1.06) | -14.75 (\pm 1.03) | -15.64 (\pm 1.04) | -18.47 (\pm 1.04) |

| End point values | Placebo | | | |
|-------------------------------------|---------------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 76 | | | |
| Units: Kilogram (kg) | | | | |
| least squares mean (standard error) | -2.68 (\pm 1.04) | | | |

Statistical analyses

| | |
|--|--|
| Statistical analysis title | MMRM - 0.6 mg BI vs Placebo |
| Statistical analysis description: No formal hypotheses were tested. MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements. | |
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 151 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[43] |
| P-value | = 0.0025 ^[44] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -4.53 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -7.44 |
| upper limit | -1.61 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.48 |

Notes:

[43] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[44] - P-value is considered nominal.

| | |
|--|--|
| Statistical analysis title | MMRM - 2.4 mg BI vs Placebo |
| Statistical analysis description: No formal hypotheses were tested. MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements. | |
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 154 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[45] |
| P-value | < 0.0001 ^[46] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -12.07 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -14.94 |
| upper limit | -9.19 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.46 |

Notes:

[45] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[46] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 3.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 152 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[47] |
| P-value | < 0.0001 ^[48] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -12.96 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -15.85 |
| upper limit | -10.07 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.47 |

Notes:

[47] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom.

Difference was calculated as BI 456906 - placebo.

[48] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 4.8 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline body weight as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 152 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[49] |
| P-value | < 0.0001 ^[50] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -15.78 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -18.67 |
| upper limit | -12.9 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.47 |

Notes:

[49] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom.

Difference was calculated as BI 456906 - placebo.

[50] - P-value is considered nominal.

Secondary: Absolute change in waist circumference from baseline to Week 46

| | |
|-----------------|---|
| End point title | Absolute change in waist circumference from baseline to Week 46 |
|-----------------|---|

End point description:

Absolute change in waist circumference from baseline to Week 46 was modeled using a mixed model for repeated measures (MMRM) with fixed effects for baseline waist circumference as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit (Week 6, 12, 18, 24, 32, 40, and 46) as repeated measures and an unstructured covariance matrix to model within subject measurements, adjusted mean (standard error) at Week 46 is reported. MMRM analysis was performed on the full analysis set (FAS, all randomised participants who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint), using planned maintenance treatment (dose assigned at randomisation) and including only on-treatment data, regardless of whether early treatment discontinuation was COVID-19 related.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 6, 12, 18, 24, 32, 40, and 46.

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 71 | 71 | 74 | 75 |
| Units: Centimeter (cm) | | | | |
| least squares mean (standard error) | -8.32 (± 1.22) | -14.99 (± 1.21) | -14.96 (± 1.19) | -16.01 (± 1.19) |

| End point values | Placebo | | | |
|-------------------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 72 | | | |
| Units: Centimeter (cm) | | | | |
| least squares mean (standard error) | -3.96 (± 1.20) | | | |

Statistical analyses

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 0.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline waist circumference as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 143 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[51] |
| P-value | = 0.0116 ^[52] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -4.36 |

| | |
|----------------------|----------------------------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -7.74 |
| upper limit | -0.98 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.71 |

Notes:

[51] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[52] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 2.4 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline waist circumference as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 143 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[53] |
| P-value | < 0.0001 ^[54] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -11.03 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -14.39 |
| upper limit | -7.66 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.71 |

Notes:

[53] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[54] - P-value is considered nominal

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 3.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline waist circumference as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 146 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[55] |
| P-value | < 0.0001 ^[56] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -11 |

| | |
|----------------------|----------------------------|
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -14.33 |
| upper limit | -7.67 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.69 |

Notes:

[55] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[56] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 4.8 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested.

MMRM with fixed effects for baseline waist circumference as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 147 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[57] |
| P-value | < 0.0001 ^[58] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -12.05 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -15.39 |
| upper limit | -8.71 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.69 |

Notes:

[57] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[58] - P-value is considered nominal.

Secondary: Absolute change in systolic blood pressure from baseline to Week 46

| | |
|-----------------|---|
| End point title | Absolute change in systolic blood pressure from baseline to Week 46 |
|-----------------|---|

End point description:

Absolute change in systolic blood pressure from baseline to Week 46 was modeled using a mixed model for repeated measures (MMRM) with fixed effects for baseline systolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46) as repeated measures and an unstructured covariance matrix to model within subject measurements, adjusted mean (standard error) at Week 46 is reported. MMRM analysis was performed on the full analysis set (FAS, all randomised participants who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint), using planned maintenance treatment (dose assigned at randomisation) and including only on-treatment data, regardless of whether early treatment discontinuation was COVID-19 related.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46.

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 75 | 78 | 76 | 76 |
| Units: Millimeter of mercury (mmHg) | | | | |
| least squares mean (standard error) | -6.19 (± 1.47) | -8.08 (± 1.48) | -8.66 (± 1.44) | -8.62 (± 1.46) |

| End point values | Placebo | | | |
|-------------------------------------|-----------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 76 | | | |
| Units: Millimeter of mercury (mmHg) | | | | |
| least squares mean (standard error) | -2.46 (± 1.46) | | | |

Statistical analyses

| Statistical analysis title | MMRM - 0.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested. MMRM with fixed effects for baseline systolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 151 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[59] |
| P-value | = 0.0733 ^[60] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -3.73 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -7.82 |
| upper limit | 0.35 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.08 |

Notes:

[59] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[60] - P-value is considered nominal.

| Statistical analysis title | MMRM - 3.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested. MMRM with fixed effects for baseline systolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 152 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[61] |
| P-value | = 0.0027 ^[62] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -6.2 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -10.23 |
| upper limit | -2.17 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.05 |

Notes:

[61] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[62] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 4.8 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested. MMRM with fixed effects for baseline systolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 152 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[63] |
| P-value | = 0.0033 ^[64] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -6.16 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -10.25 |
| upper limit | -2.06 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.08 |

Notes:

[63] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[64] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 2.4 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested. MMRM with fixed effects for baseline systolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by

visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 154 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[65] |
| P-value | < 0.0072 ^[66] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -5.62 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -9.71 |
| upper limit | 1.53 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 2.08 |

Notes:

[65] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[66] - P-value is considered nominal.

Secondary: Absolute change in diastolic blood pressure from baseline to Week 46

| | |
|-----------------|--|
| End point title | Absolute change in diastolic blood pressure from baseline to Week 46 |
|-----------------|--|

End point description:

Absolute change in diastolic blood pressure from baseline to Week 46 was modeled using a mixed model for repeated measures (MMRM) with fixed effects for baseline diastolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46) as repeated measures and an unstructured covariance matrix to model within subject measurements, adjusted mean (standard error) at Week 46 is reported. MMRM analysis was performed on the full analysis set (FAS, all randomised participants who received at least one dose of study treatment and who have analysable data for at least one efficacy endpoint), using planned maintenance treatment (dose assigned at randomisation) and including only on-treatment data, regardless of whether early treatment discontinuation was COVID-19 related.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 24, 28, 32, 36, 40, and 46.

| End point values | 0.6 mg BI 456906 - planned maintenance treatment | 2.4 mg BI 456906 - planned maintenance treatment | 3.6 mg BI 456906 - planned maintenance treatment | 4.8 mg BI 456906 - planned maintenance treatment |
|-------------------------------------|--|--|--|--|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 75 | 78 | 76 | 76 |
| Units: Millimeter of mercury (mmHg) | | | | |
| least squares mean (standard error) | -3.31 (± 0.90) | -4.36 (± 0.90) | -4.31 (± 0.87) | -4.80 (± 0.89) |

| End point values | Placebo | | | |
|------------------|---------|--|--|--|
|------------------|---------|--|--|--|

| | | | | |
|-------------------------------------|---------------------|--|--|--|
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 76 | | | |
| Units: Millimeter of mercury (mmHg) | | | | |
| least squares mean (standard error) | -1.87 (\pm 0.89) | | | |

Statistical analyses

| | |
|---|--|
| Statistical analysis title | MMRM - 3.6 mg BI vs Placebo |
| Statistical analysis description: | |
| No formal hypotheses were tested. MMRM with fixed effects for baseline diastolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements. | |
| Comparison groups | 3.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 152 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[67] |
| P-value | = 0.0506 ^[68] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -2.44 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -4.9 |
| upper limit | 0.01 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.24 |

Notes:

[67] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[68] - P-value is considered nominal.

| | |
|---|--|
| Statistical analysis title | MMRM - 2.4 mg BI vs Placebo |
| Statistical analysis description: | |
| No formal hypotheses were tested. MMRM with fixed effects for baseline diastolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements. | |
| Comparison groups | 2.4 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 154 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[69] |
| P-value | = 0.0495 ^[70] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -2.49 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -4.97 |
| upper limit | 0 |

| | |
|----------------------|----------------------------|
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.26 |

Notes:

[69] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom.

Difference was calculated as BI 456906 - placebo.

[70] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 0.6 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested. MMRM with fixed effects for baseline diastolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 0.6 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 151 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[71] |
| P-value | = 0.2569 ^[72] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -1.44 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -3.92 |
| upper limit | 1.05 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.26 |

Notes:

[71] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom.

Difference was calculated as BI 456906 - placebo.

[72] - P-value is considered nominal.

| | |
|-----------------------------------|-----------------------------|
| Statistical analysis title | MMRM - 4.8 mg BI vs Placebo |
|-----------------------------------|-----------------------------|

Statistical analysis description:

No formal hypotheses were tested. MMRM with fixed effects for baseline diastolic blood pressure as a continuous linear covariate, and treatment, gender, visit, treatment by visit interaction and baseline by visit interaction as factors, using visit as repeated measures and an unstructured covariance matrix to model within subject measurements.

| | |
|---|--|
| Comparison groups | 4.8 mg BI 456906 - planned maintenance treatment v Placebo |
| Number of subjects included in analysis | 152 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[73] |
| P-value | = 0.0202 ^[74] |
| Method | Mixed models analysis |
| Parameter estimate | Difference of adjusted means |
| Point estimate | -2.93 |
| Confidence interval | |
| level | 95 % |
| sides | 2-sided |
| lower limit | -5.4 |
| upper limit | -0.46 |
| Variability estimate | Standard error of the mean |
| Dispersion value | 1.25 |

Notes:

[73] - Kenward-Roger approximation was used to estimate the denominator degrees of freedom. Difference was calculated as BI 456906 - placebo.

[74] - P-value is considered nominal.

Adverse events

Adverse events information

Timeframe for reporting adverse events:

From first drug administration until last drug administration, plus 28 days residual effect period (REP), up to 360 days.

Adverse event reporting additional description:

Safety analysis was performed on the treated set (TS) according to actual maintenance treatment (defined as the actual dose subjects received during the dose maintenance phase, or as the next planned maintenance dose up from the last dose taken prior to treatment discontinuation).

| | |
|-----------------|------------|
| Assessment type | Systematic |
|-----------------|------------|

Dictionary used

| | |
|-----------------|--------|
| Dictionary name | MedDRA |
|-----------------|--------|

| | |
|--------------------|------|
| Dictionary version | 25.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|---|
| Reporting group title | 0.6 mg BI 456906 - actual maintenance treatment |
|-----------------------|---|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and 2, and 0.6 mg on Week 3 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 0.6 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|---|
| Reporting group title | 2.4 mg BI 456906 - actual maintenance treatment |
|-----------------------|---|

Reporting group description:

Subject with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 to Week 10, 1.8 mg on Week 11 to Week 14 and 2.4 mg on Week 15 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 2.4 mg BI 456906. Subjects not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|---------|
| Reporting group title | Placebo |
|-----------------------|---------|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of Placebo, by a weekly subcutaneous injection of two syringes on the same injection day, for 46 weeks.

| | |
|-----------------------|---|
| Reporting group title | 4.8 mg BI 456906 - actual maintenance treatment |
|-----------------------|---|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg on Week 7 and Week 8, 1.8 mg on Week 9 and Week 10, 2.4 mg on Week 11 and Week 12, 3.3 mg on Week 13 and Week 14, 4.2 mg on Week 15 and Week 16, and 4.8 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 4.8 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal AEs had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| | |
|-----------------------|---|
| Reporting group title | 3.6 mg BI 456906 - actual maintenance treatment |
|-----------------------|---|

Reporting group description:

Subjects with obesity or overweight were administered a solution for injection of BI 456906, by a weekly subcutaneous injection of two syringes (0.5 mL filling volume per syringe) on the same injection day, of 0.3 mg on Week 1 and Week 2, 0.6 mg on Week 3 and Week 4, 0.9 mg on Week 5 and Week 6, 1.2 mg

on Week 7 to Week 10, 1.8 mg on Week 11 and Week 12, 2.4 mg on Week 13 and Week 14, 3.0 mg on Week 15 and Week 16, and 3.6 mg on Week 17 to Week 20 (dose escalation phase, with fixed dose escalation from Week 1 to Week 10 and flexible dose escalation from Week 11 to Week 20). From Week 21 to Week 46 (maintenance dosing phase) subjects stayed on the dose of 3.6 mg BI 456906. Subject not tolerating the assigned dose escalation schedule due to gastrointestinal adverse events had the option of dose adjustment during the flexible part of the dose escalation phase (Week 11 - 20) which could lead to a maintenance dose lower than the dose the subject was randomised to.

| Serious adverse events | 0.6 mg BI 456906 - actual maintenance treatment | 2.4 mg BI 456906 - actual maintenance treatment | Placebo |
|--|---|---|----------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 2 / 92 (2.17%) | 3 / 92 (3.26%) | 5 / 77 (6.49%) |
| number of deaths (all causes) | 0 | 0 | 0 |
| number of deaths resulting from adverse events | 0 | 0 | 0 |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Intraductal proliferative breast lesion | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Glioblastoma multiforme | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Bowen's disease | | | |
| subjects affected / exposed | 1 / 92 (1.09%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Malignant melanoma in situ | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 1 / 92 (1.09%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Injury, poisoning and procedural complications | | | |
| Incisional hernia | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Wrist fracture | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ear and labyrinth disorders | | | |
| Deafness | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 1 / 92 (1.09%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gastrointestinal disorders | | | |
| Vomiting | | | |
| subjects affected / exposed | 1 / 92 (1.09%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Nausea | | | |
| subjects affected / exposed | 1 / 92 (1.09%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Reproductive system and breast disorders | | | |
| Uterine prolapse | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Endometrial hyperplasia | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 1 / 77 (1.30%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatobiliary disorders | | | |
| Cholecystitis | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cholelithiasis | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pulmonary congestion | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 1 / 77 (1.30%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Skin and subcutaneous tissue disorders | | | |
| Angioedema | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Renal and urinary disorders | | | |
| Renal failure | | | |
| subjects affected / exposed | 1 / 92 (1.09%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Musculoskeletal and connective tissue disorders | | | |
| Intervertebral disc protrusion | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 1 / 77 (1.30%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Infections and infestations | | | |
| Tooth abscess | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 1 / 77 (1.30%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Tonsillitis | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cellulitis | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 92 (0.00%) | 1 / 92 (1.09%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| COVID-19 pneumonia | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 1 / 77 (1.30%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Metabolism and nutrition disorders | | | |
| Dehydration | | | |
| subjects affected / exposed | 1 / 92 (1.09%) | 0 / 92 (0.00%) | 0 / 77 (0.00%) |
| occurrences causally related to treatment / all | 1 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| Serious adverse events | 4.8 mg BI 456906 - actual maintenance treatment | 3.6 mg BI 456906 - actual maintenance treatment | |
|---|---|---|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 4 / 54 (7.41%) | 4 / 71 (5.63%) | |
| number of deaths (all causes) | 0 | 0 | |
| number of deaths resulting from adverse events | 0 | 0 | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Intraductal proliferative breast lesion | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 71 (1.41%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Glioblastoma multiforme | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Bowen's disease | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Malignant melanoma in situ | | | |

| | | | |
|---|----------------|----------------|--|
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Injury, poisoning and procedural complications | | | |
| Incisional hernia | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 71 (1.41%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Wrist fracture | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 71 (1.41%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Ear and labyrinth disorders | | | |
| Deafness | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Gastrointestinal disorders | | | |
| Vomiting | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Nausea | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Reproductive system and breast disorders | | | |
| Uterine prolapse | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Endometrial hyperplasia | | | |

| | | | |
|---|----------------|----------------|--|
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Hepatobiliary disorders | | | |
| Cholecystitis | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cholelithiasis | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pulmonary congestion | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Skin and subcutaneous tissue disorders | | | |
| Angioedema | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 1 / 71 (1.41%) | |
| occurrences causally related to treatment / all | 0 / 0 | 1 / 1 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Renal and urinary disorders | | | |
| Renal failure | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Musculoskeletal and connective tissue disorders | | | |
| Intervertebral disc protrusion | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Infections and infestations | | | |
| Tooth abscess | | | |

| | | | |
|---|----------------|----------------|--|
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Tonsillitis | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Cellulitis | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| COVID-19 pneumonia | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |
| Metabolism and nutrition disorders | | | |
| Dehydration | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 0 / 71 (0.00%) | |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | |

Frequency threshold for reporting non-serious adverse events: 5 %

| Non-serious adverse events | 0.6 mg BI 456906 - actual maintenance treatment | 2.4 mg BI 456906 - actual maintenance treatment | Placebo |
|--|---|---|------------------|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 70 / 92 (76.09%) | 79 / 92 (85.87%) | 48 / 77 (62.34%) |
| Nervous system disorders | | | |
| Headache | | | |
| subjects affected / exposed | 8 / 92 (8.70%) | 7 / 92 (7.61%) | 6 / 77 (7.79%) |
| occurrences (all) | 9 | 8 | 11 |
| Dizziness | | | |
| subjects affected / exposed | 1 / 92 (1.09%) | 8 / 92 (8.70%) | 2 / 77 (2.60%) |
| occurrences (all) | 1 | 10 | 3 |
| General disorders and administration site conditions | | | |

| | | | |
|----------------------------------|------------------|------------------|------------------|
| Fatigue | | | |
| subjects affected / exposed | 6 / 92 (6.52%) | 5 / 92 (5.43%) | 6 / 77 (7.79%) |
| occurrences (all) | 6 | 5 | 6 |
| Injection site bruising | | | |
| subjects affected / exposed | 3 / 92 (3.26%) | 3 / 92 (3.26%) | 4 / 77 (5.19%) |
| occurrences (all) | 3 | 5 | 5 |
| Gastrointestinal disorders | | | |
| Abdominal pain upper | | | |
| subjects affected / exposed | 3 / 92 (3.26%) | 5 / 92 (5.43%) | 1 / 77 (1.30%) |
| occurrences (all) | 4 | 8 | 1 |
| Abdominal pain | | | |
| subjects affected / exposed | 4 / 92 (4.35%) | 10 / 92 (10.87%) | 1 / 77 (1.30%) |
| occurrences (all) | 6 | 12 | 1 |
| Abdominal distension | | | |
| subjects affected / exposed | 4 / 92 (4.35%) | 4 / 92 (4.35%) | 3 / 77 (3.90%) |
| occurrences (all) | 4 | 6 | 3 |
| Eructation | | | |
| subjects affected / exposed | 4 / 92 (4.35%) | 6 / 92 (6.52%) | 0 / 77 (0.00%) |
| occurrences (all) | 5 | 6 | 0 |
| Gastrooesophageal reflux disease | | | |
| subjects affected / exposed | 2 / 92 (2.17%) | 7 / 92 (7.61%) | 3 / 77 (3.90%) |
| occurrences (all) | 2 | 8 | 3 |
| Haemorrhoids | | | |
| subjects affected / exposed | 0 / 92 (0.00%) | 0 / 92 (0.00%) | 1 / 77 (1.30%) |
| occurrences (all) | 0 | 0 | 1 |
| Dyspepsia | | | |
| subjects affected / exposed | 7 / 92 (7.61%) | 9 / 92 (9.78%) | 3 / 77 (3.90%) |
| occurrences (all) | 9 | 11 | 3 |
| Nausea | | | |
| subjects affected / exposed | 36 / 92 (39.13%) | 60 / 92 (65.22%) | 15 / 77 (19.48%) |
| occurrences (all) | 116 | 163 | 21 |
| Constipation | | | |
| subjects affected / exposed | 11 / 92 (11.96%) | 19 / 92 (20.65%) | 4 / 77 (5.19%) |
| occurrences (all) | 12 | 19 | 6 |
| Diarrhoea | | | |

| | | | |
|--|--|---|---|
| subjects affected / exposed occurrences (all) | 22 / 92 (23.91%) 31 | 21 / 92 (22.83%) 25 | 8 / 77 (10.39%) 10 |
| Vomiting subjects affected / exposed occurrences (all) | 13 / 92 (14.13%) 23 | 28 / 92 (30.43%) 56 | 4 / 77 (5.19%) 4 |
| Respiratory, thoracic and mediastinal disorders Cough subjects affected / exposed occurrences (all) | 2 / 92 (2.17%) 2 | 2 / 92 (2.17%) 2 | 2 / 77 (2.60%) 2 |
| Psychiatric disorders Insomnia subjects affected / exposed occurrences (all) | 3 / 92 (3.26%) 3 | 5 / 92 (5.43%) 5 | 1 / 77 (1.30%) 1 |
| Musculoskeletal and connective tissue disorders Back pain subjects affected / exposed occurrences (all) Arthralgia subjects affected / exposed occurrences (all) | 7 / 92 (7.61%) 8 10 / 92 (10.87%) 11 | 2 / 92 (2.17%) 2 3 / 92 (3.26%) 4 | 3 / 77 (3.90%) 5 5 / 77 (6.49%) 7 |
| Infections and infestations Urinary tract infection subjects affected / exposed occurrences (all) Upper respiratory tract infection subjects affected / exposed occurrences (all) Nasopharyngitis subjects affected / exposed occurrences (all) COVID-19 subjects affected / exposed occurrences (all) | 4 / 92 (4.35%) 4 2 / 92 (2.17%) 2 8 / 92 (8.70%) 14 18 / 92 (19.57%) 19 | 2 / 92 (2.17%) 3 1 / 92 (1.09%) 1 5 / 92 (5.43%) 5 11 / 92 (11.96%) 13 | 2 / 77 (2.60%) 2 3 / 77 (3.90%) 3 7 / 77 (9.09%) 8 17 / 77 (22.08%) 19 |
| Metabolism and nutrition disorders Decreased appetite | | | |

| | | | |
|-----------------------------|------------------|------------------|----------------|
| subjects affected / exposed | 11 / 92 (11.96%) | 10 / 92 (10.87%) | 1 / 77 (1.30%) |
| occurrences (all) | 15 | 12 | 1 |

| Non-serious adverse events | 4.8 mg BI 456906 - actual maintenance treatment | 3.6 mg BI 456906 - actual maintenance treatment | |
|---|---|---|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 46 / 54 (85.19%) | 64 / 71 (90.14%) | |
| Nervous system disorders | | | |
| Headache | | | |
| subjects affected / exposed | 5 / 54 (9.26%) | 10 / 71 (14.08%) | |
| occurrences (all) | 12 | 13 | |
| Dizziness | | | |
| subjects affected / exposed | 4 / 54 (7.41%) | 10 / 71 (14.08%) | |
| occurrences (all) | 4 | 10 | |
| General disorders and administration site conditions | | | |
| Fatigue | | | |
| subjects affected / exposed | 5 / 54 (9.26%) | 13 / 71 (18.31%) | |
| occurrences (all) | 5 | 19 | |
| Injection site bruising | | | |
| subjects affected / exposed | 3 / 54 (5.56%) | 2 / 71 (2.82%) | |
| occurrences (all) | 6 | 3 | |
| Gastrointestinal disorders | | | |
| Abdominal pain upper | | | |
| subjects affected / exposed | 2 / 54 (3.70%) | 8 / 71 (11.27%) | |
| occurrences (all) | 2 | 13 | |
| Abdominal pain | | | |
| subjects affected / exposed | 3 / 54 (5.56%) | 5 / 71 (7.04%) | |
| occurrences (all) | 3 | 7 | |
| Abdominal distension | | | |
| subjects affected / exposed | 3 / 54 (5.56%) | 7 / 71 (9.86%) | |
| occurrences (all) | 6 | 7 | |
| Eructation | | | |
| subjects affected / exposed | 2 / 54 (3.70%) | 5 / 71 (7.04%) | |
| occurrences (all) | 4 | 5 | |
| Gastrooesophageal reflux disease | | | |
| subjects affected / exposed | 5 / 54 (9.26%) | 10 / 71 (14.08%) | |
| occurrences (all) | 5 | 13 | |

| | | | |
|---|------------------|------------------|--|
| Haemorrhoids | | | |
| subjects affected / exposed | 3 / 54 (5.56%) | 1 / 71 (1.41%) | |
| occurrences (all) | 3 | 1 | |
| Dyspepsia | | | |
| subjects affected / exposed | 7 / 54 (12.96%) | 8 / 71 (11.27%) | |
| occurrences (all) | 16 | 15 | |
| Nausea | | | |
| subjects affected / exposed | 32 / 54 (59.26%) | 45 / 71 (63.38%) | |
| occurrences (all) | 98 | 157 | |
| Constipation | | | |
| subjects affected / exposed | 13 / 54 (24.07%) | 22 / 71 (30.99%) | |
| occurrences (all) | 18 | 25 | |
| Diarrhoea | | | |
| subjects affected / exposed | 9 / 54 (16.67%) | 17 / 71 (23.94%) | |
| occurrences (all) | 18 | 52 | |
| Vomiting | | | |
| subjects affected / exposed | 13 / 54 (24.07%) | 28 / 71 (39.44%) | |
| occurrences (all) | 28 | 64 | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Cough | | | |
| subjects affected / exposed | 0 / 54 (0.00%) | 4 / 71 (5.63%) | |
| occurrences (all) | 0 | 4 | |
| Psychiatric disorders | | | |
| Insomnia | | | |
| subjects affected / exposed | 1 / 54 (1.85%) | 1 / 71 (1.41%) | |
| occurrences (all) | 1 | 1 | |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 2 / 54 (3.70%) | 4 / 71 (5.63%) | |
| occurrences (all) | 3 | 10 | |
| Arthralgia | | | |
| subjects affected / exposed | 2 / 54 (3.70%) | 8 / 71 (11.27%) | |
| occurrences (all) | 2 | 9 | |
| Infections and infestations | | | |
| Urinary tract infection | | | |

| | | | |
|--|----------------------|------------------------|--|
| subjects affected / exposed occurrences (all) | 2 / 54 (3.70%) 2 | 6 / 71 (8.45%) 11 | |
| Upper respiratory tract infection subjects affected / exposed occurrences (all) | 4 / 54 (7.41%) 5 | 5 / 71 (7.04%) 6 | |
| Nasopharyngitis subjects affected / exposed occurrences (all) | 3 / 54 (5.56%) 3 | 6 / 71 (8.45%) 10 | |
| COVID-19 subjects affected / exposed occurrences (all) | 7 / 54 (12.96%) 7 | 17 / 71 (23.94%) 17 | |
| Metabolism and nutrition disorders Decreased appetite subjects affected / exposed occurrences (all) | 3 / 54 (5.56%) 17 | 16 / 71 (22.54%) 18 | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-------------------|---|
| 24 September 2021 | <p>Global amendment 1: Exclusion criteria were revised:</p> <p>Time period of stability in body weight was changed from past 3 to past 12 weeks;</p> <p>List of endocrinologic disorders leading to obesity was revised to include hypogonadism and growth hormone deficiency as exclusion criteria and to allow well-controlled hypothyroidism and polycystic ovarian disease;</p> <p>Prior surgery of the Gastrointestinal (GI) tract that could interfere with body weight was further explained;</p> <p>Q wave and T wave (QT)/ corrected QT interval (QTc) prolongation-related criterion was simplified;</p> <p>Squamous cell carcinoma added.</p> <p>Flow Chart was revised:</p> <p>Specifying that a pregnancy test is urinary;</p> <p>Electrocardiogram (ECG) added to visits 14,16,17,19;</p> <p>Insulin and C-peptide were added to efficacy parameters of fasting sample (also added to safety lab parameters);</p> <p>Footnote 17 was expanded to explain the procedures regarding E-diary and counselling at Visit 19 for patients who had discontinued the treatment.</p> <p>Inclusion criteria were revised:</p> <p>Reference added to criterion 5 for explanation.</p> <p>Criteria for discontinuation of trial treatment were revised:</p> <p>Criteria added: patients that require hospitalization due to drug-related gastrointestinal adverse event assessed by investigator;</p> <p>Exception added to which patients should stay in the trial after treatment discontinuation to exclude Glucagon-Like-Peptide 1 Receptor Agonist (GLP-1 RA) treated patients.</p> |

| | |
|-------------------|---|
| 24 September 2021 | <p>Global amendment 1 (continued):</p> <p>Drug assignment and administration was revised due to authority request: Patients who cannot tolerate the study drug during Weeks 1 to 10 and Weeks 21 to 46 should be discontinued from the treatment. Restrictions regarding concomitant treatment were revised: Medications known to significantly prolong the QT or QTc interval administered for a period of >2 weeks was added.</p> <p>Assessment of safety was revised due to authority request: Clarification was added to encourage investigators to repeat imaging and laboratory testing in case of abnormal findings.</p> <p>ECG description was expanded due to authority request: Regarding the review of the ECG results by investigator; Regarding repetition of ECG recording in case of abnormalities.</p> <p>Explanation of process regarding cross referencing adverse events (AEs) list against Always Serious List was added due to authority request. Doses expressed in conventional units (mmol/L or nmol/L) were added to values of calcitonin, fasting serum triglyceride, fasting plasma glucose, 2-hour oral glucose tolerance test (OGTT).</p> <p>Clarification on who should complete PHQ-9 and C-SSRS questionnaires was added. Clarification on time points for diet/exercise counselling was added. Clarification of safety lab analysis handling if central lab cannot provide analysis due to COVID-19 restrictions.</p> <p>Instructions for trial drug administration were revised: To allow exceptions for visits schedule; To allow exceptions for pre-defined combination of syringes. Blood pressure measurement procedure was revised.</p> |
| 16 February 2022 | <p>Global amendment 2: Description of an interim analysis to be performed during the trial for sponsor planning purposes was added.</p> |
| 29 April 2022 | <p>Global amendment 3:</p> <p>It was added that discontinuation of trial treatment due to COVID-19 infection and a possibility to recommence the study treatment after skipping two consecutive doses is up to investigator's discretion.</p> <p>It was added the randomisation codes will be provided during the trial to bioanalytics to exclude samples from placebo patients from the analysis of antidrug antibodies. Removal of description of Per Protocol Set and of reference to Per Protocol Set in primary endpoint analysis.</p> <p>Removal of the statement that important protocol deviations may lead to an exclusion from the analysis.</p> |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported