



Clinical trial results:

Randomized, double-blind, parallel group, Phase 2b dose-finding, efficacy and safety study of 12-week twice daily oral administration of BAY 1817080 compared to placebo in the treatment of refractory and/or unexplained chronic cough (RUCC)

Summary

| | |
|--------------------------|-------------------------------|
| EudraCT number | 2019-004169-42 |
| Trial protocol | DE GB IT NL CZ HU SK BE PL FR |
| Global end of trial date | 23 July 2021 |

Results information

| | |
|--------------------------------|--------------|
| Result version number | v1 (current) |
| This version publication date | 04 July 2022 |
| First version publication date | 04 July 2022 |

Trial information

Trial identification

| | |
|-----------------------|------------------|
| Sponsor protocol code | BAY1817080/20393 |
|-----------------------|------------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT04562155 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Bayer AG |
| Sponsor organisation address | Kaiser Wilhelm Allee, Leverkusen, Germany, D-51368 |
| Public contact | Therapeutic Area Head, Bayer AG, +49 30 300139003, clinical-trials-contact@bayer.com |
| Scientific contact | Therapeutic Area Head, Bayer AG, +49 30 300139003, clinical-trials-contact@bayer.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 | 23 July 2021 |
| Is this the analysis of the primary completion data? | No |
| Global end of trial reached? | Yes |
| Global end of trial date | 23 July 2021 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The objective of this study was to identify the optimal dose of P2X3 receptor antagonist eliapixant in patients with RUCC and further assess efficacy and characterize safety and tolerability profile of eliapixant.

The primary objective was to assess the efficacy of P2X3 receptor antagonist eliapixant as compared with placebo in terms of change in 24-hour cough count from baseline to week 12.

Protection of trial subjects:

The conduct of this clinical study met all local legal and regulatory requirements. The study was conducted in accordance with ethical principles that have their origin in the Declaration of Helsinki and the International Council for Harmonization guideline E6: Good Clinical Practice. Before entering the study, the informed consent was read by and explained to all the subjects. Participating subjects signed informed consent form and could withdraw from the study at any time without any disadvantage and without having to provide a reason for this decision. Only investigators qualified by training and experience were selected as appropriate experts to investigate the study drug.

Background therapy: -

Evidence for comparator: -

| | |
|---|-----------------|
| Actual start date of recruitment | 02 October 2020 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | No |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | Argentina: 12 |
| Country: Number of subjects enrolled | Australia: 26 |
| Country: Number of subjects enrolled | Belgium: 20 |
| Country: Number of subjects enrolled | Canada: 8 |
| Country: Number of subjects enrolled | Czechia: 12 |
| Country: Number of subjects enrolled | Germany: 28 |
| Country: Number of subjects enrolled | Spain: 9 |
| Country: Number of subjects enrolled | France: 11 |
| Country: Number of subjects enrolled | United Kingdom: 26 |
| Country: Number of subjects enrolled | Hungary: 12 |
| Country: Number of subjects enrolled | Italy: 10 |
| Country: Number of subjects enrolled | Japan: 23 |
| Country: Number of subjects enrolled | Netherlands: 12 |
| Country: Number of subjects enrolled | Poland: 20 |
| Country: Number of subjects enrolled | Russian Federation: 16 |

| | |
|--------------------------------------|-------------------|
| Country: Number of subjects enrolled | Slovakia: 9 |
| Country: Number of subjects enrolled | Turkey: 17 |
| Country: Number of subjects enrolled | Taiwan: 6 |
| Country: Number of subjects enrolled | United States: 33 |
| Worldwide total number of subjects | 310 |
| EEA total number of subjects | 143 |

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) | 193 |
| From 65 to 84 years | 117 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

The study was conducted at 99 centers in 19 countries/regions with first subject first visit on 02-Oct-2020 and last subject last visit on 23-Jul-2021.

Pre-assignment

Screening details:

Overall, 399 subjects were screened, 89 of whom were screening failures. The remaining 310 subjects were randomized to 4 treatment groups (75 to eliapixant 25 mg BID, 78 to eliapixant 75 mg BID, 80 to eliapixant 150 mg BID, and 77 to placebo).

Period 1

| | |
|------------------------------|--|
| Period 1 title | Overall study (overall period) |
| Is this the baseline period? | Yes |
| Allocation method | Randomised - controlled |
| Blinding used | Double blind |
| Roles blinded | Investigator, Monitor, Data analyst, Assessor, Subject |

Blinding implementation details:

After randomization, subject, investigator and sponsor were blinded for the intervention subject received

Arms

| | |
|------------------------------|-----|
| Are arms mutually exclusive? | Yes |
|------------------------------|-----|

| | |
|------------------|----------------------|
| Arm title | Eliapixant 25 mg BID |
|------------------|----------------------|

Arm description:

Subjects were randomized to receive 25 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

| | |
|--|--------------|
| Arm type | Experimental |
| Investigational medicinal product name | Eliapixant |
| Investigational medicinal product code | BAY1817080 |
| Other name | |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Eliapixant 25 mg tablets were administered twice daily. Subjects were instructed to take the morning dose at approximately the same time of day, every day over the course of 12 weeks. The interval between the morning and the evening dose should have been approximately 12 hours. Tablets were not to be broken, halved or crushed; they were to be swallowed as a complete unit with water. Tablets could be taken with or without food. There were no dose modifications; subjects stayed on the dose which they were randomized to.

| | |
|------------------|----------------------|
| Arm title | Eliapixant 75 mg BID |
|------------------|----------------------|

Arm description:

Subjects were randomized to receive 75 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

| | |
|--|--------------|
| Arm type | Experimental |
| Investigational medicinal product name | Eliapixant |
| Investigational medicinal product code | BAY1817080 |
| Other name | |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Eliapixant tablets totaling 75 mg were administered twice daily. Subjects were instructed to take the morning dose at approximately the same time of day, every day over the course of 12 weeks. The interval between the morning and the evening dose should have been approximately 12 hours. Tablets

were not to be broken, halved or crushed; they were to be swallowed as a complete unit with water. Tablets could be taken with or without food. There were no dose modifications; subjects stayed on the dose which they were randomized to.

| | |
|--|-----------------------|
| Arm title | Eliapixant 150 mg BID |
| Arm description: Subjects were randomized to receive 150 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks. | |
| Arm type | Experimental |
| Investigational medicinal product name | Eliapixant |
| Investigational medicinal product code | BAY1817080 |
| Other name | |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Eliapixant tablets totaling 150 mg were administered twice daily. Subjects were instructed to take the morning dose at approximately the same time of day, every day over the course of 12 weeks. The interval between the morning and the evening dose should have been approximately 12 hours. Tablets were not to be broken, halved or crushed; they were to be swallowed as a complete unit with water. Tablets could be taken with or without food. There were no dose modifications; subjects stayed on the dose which they were randomized to.

| | |
|---|------------------------|
| Arm title | Placebo |
| Arm description: Subjects were randomized to receive placebo for eliapixant, administered twice daily over the course of 12 weeks. | |
| Arm type | Placebo |
| Investigational medicinal product name | Placebo for eliapixant |
| Investigational medicinal product code | Not applicable |
| Other name | |
| Pharmaceutical forms | Tablet |
| Routes of administration | Oral use |

Dosage and administration details:

Placebo for eliapixant tablets were administered twice daily. Subjects were instructed to take the morning dose at approximately the same time of day, every day over the course of 12 weeks. The interval between the morning and the evening dose should have been approximately 12 hours. Tablets were not to be broken, halved or crushed; they were to be swallowed as a complete unit with water. Tablets could be taken with or without food.

| Number of subjects in period 1 | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID |
|---------------------------------------|-------------------------|-------------------------|--------------------------|
| Started | 75 | 78 | 80 |
| Completed | 64 | 69 | 67 |
| Not completed | 11 | 9 | 13 |
| COVID-19 pandemic | - | - | - |
| Consent withdrawn by subject | 3 | 6 | 3 |
| Adverse event, non-fatal | 7 | 3 | 8 |
| Other | 1 | - | 2 |

| Number of subjects in period 1 | Placebo |
|---------------------------------------|---------|
| Started | 77 |
| Completed | 71 |
| Not completed | 6 |
| COVID-19 pandemic | 1 |
| Consent withdrawn by subject | 3 |
| Adverse event, non-fatal | 1 |
| Other | 1 |

Baseline characteristics

Reporting groups

| | |
|--|-----------------------|
| Reporting group title | Eliapixant 25 mg BID |
| Reporting group description: Subjects were randomized to receive 25 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks. | |
| Reporting group title | Eliapixant 75 mg BID |
| Reporting group description: Subjects were randomized to receive 75 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks. | |
| Reporting group title | Eliapixant 150 mg BID |
| Reporting group description: Subjects were randomized to receive 150 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks. | |
| Reporting group title | Placebo |
| Reporting group description: Subjects were randomized to receive placebo for eliapixant, administered twice daily over the course of 12 weeks. | |

| Reporting group values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID |
|---|----------------------|----------------------|-----------------------|
| Number of subjects | 75 | 78 | 80 |
| Age categorical | | | |
| Used full analysis set | | | |
| Units: Subjects | | | |
| Adults (18-64 years) | 45 | 50 | 49 |
| From 65-84 years | 30 | 28 | 31 |
| Age continuous | | | |
| Used full analysis set | | | |
| Units: years | | | |
| arithmetic mean | 61.81 | 58.62 | 58.98 |
| standard deviation | ± 9.64 | ± 12.7 | ± 11.8 |
| Gender categorical | | | |
| Used full analysis set | | | |
| Units: Subjects | | | |
| Female | 56 | 63 | 61 |
| Male | 19 | 15 | 19 |
| Baseline 24-hour coughs per hour | | | |
| Used per protocol set (PPS) Eliapixant 25 mg BID (N=67), Eliapixant 75 mg BID (N=69), Eliapixant 150 mg BID (N=73), Placebo (N=74) | | | |
| Units: 24-hour cough count per hour | | | |
| geometric mean | 17.49 | 19.23 | 15.61 |
| standard deviation | ± 2.94 | ± 2.94 | ± 2.34 |
| Baseline Leicester Cough Questionnaire (LCQ) Total Score | | | |
| Used per protocol set (PPS) Eliapixant 25 mg BID (N=67), Eliapixant 75 mg BID (N=69), Eliapixant 150 mg BID (N=73), Placebo (N=74) | | | |
| Units: Score of LCQ | | | |
| arithmetic mean | 12.00 | 11.76 | 11.15 |

| | | | |
|--|---------|---------|---------|
| standard deviation | ± 2.54 | ± 2.77 | ± 2.56 |
| Baseline awake cough count per hour | | | |
| Used per protocol set (PPS) Eliapixant 25 mg BID (N=67), Eliapixant 75 mg BID (N=69), Eliapixant 150 mg BID (N=73), Placebo (N=74) | | | |
| Units: Cough count per hour | | | |
| geometric mean | 23.62 | 26.41 | 21.19 |
| standard deviation | ± 3.02 | ± 2.97 | ± 2.39 |
| Baseline Cough Severity Visual Analogue Scale [VAS] Value | | | |
| Used per protocol set (PPS) - Included the subjects in PPS with valid VAS value. Eliapixant 25 mg BID (N=62), Eliapixant 75 mg BID (N=68), Eliapixant 150 mg BID (N=67), Placebo (N=69) | | | |
| Units: Score of VAS | | | |
| arithmetic mean | 65.51 | 67.08 | 66.79 |
| standard deviation | ± 14.64 | ± 14.89 | ± 15.86 |

| | | | |
|---|---------|-------|--|
| Reporting group values | Placebo | Total | |
| Number of subjects | 77 | 310 | |
| Age categorical | | | |
| Used full analysis set | | | |
| Units: Subjects | | | |
| Adults (18-64 years) | 49 | 193 | |
| From 65-84 years | 28 | 117 | |
| Age continuous | | | |
| Used full analysis set | | | |
| Units: years | | | |
| arithmetic mean | 56.91 | - | |
| standard deviation | ± 12.4 | - | |
| Gender categorical | | | |
| Used full analysis set | | | |
| Units: Subjects | | | |
| Female | 61 | 241 | |
| Male | 16 | 69 | |
| Baseline 24-hour coughs per hour | | | |
| Used per protocol set (PPS) Eliapixant 25 mg BID (N=67), Eliapixant 75 mg BID (N=69), Eliapixant 150 mg BID (N=73), Placebo (N=74) | | | |
| Units: 24-hour cough count per hour | | | |
| geometric mean | 17.63 | - | |
| standard deviation | ± 3.07 | - | |
| Baseline Leicester Cough Questionnaire (LCQ) Total Score | | | |
| Used per protocol set (PPS) Eliapixant 25 mg BID (N=67), Eliapixant 75 mg BID (N=69), Eliapixant 150 mg BID (N=73), Placebo (N=74) | | | |
| Units: Score of LCQ | | | |
| arithmetic mean | 11.53 | - | |
| standard deviation | ± 3.27 | - | |
| Baseline awake cough count per hour | | | |
| Used per protocol set (PPS) Eliapixant 25 mg BID (N=67), Eliapixant 75 mg BID (N=69), Eliapixant 150 mg BID (N=73), Placebo (N=74) | | | |
| Units: Cough count per hour | | | |
| geometric mean | 24.01 | | |

| | | | |
|--|---------|---|--|
| standard deviation | ± 3.18 | - | |
| Baseline Cough Severity Visual Analogue Scale [VAS] Value | | | |
| Used per protocol set (PPS) - Included the subjects in PPS with valid VAS value. Eliapixant 25 mg BID (N=62), Eliapixant 75 mg BID (N=68), Eliapixant 150 mg BID (N=67), Placebo (N=69) | | | |
| Units: Score of VAS | | | |
| arithmetic mean | 61.52 | | |
| standard deviation | ± 18.51 | - | |

End points

End points reporting groups

| | |
|-----------------------|----------------------|
| Reporting group title | Eliapixant 25 mg BID |
|-----------------------|----------------------|

Reporting group description:

Subjects were randomized to receive 25 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

| | |
|-----------------------|----------------------|
| Reporting group title | Eliapixant 75 mg BID |
|-----------------------|----------------------|

Reporting group description:

Subjects were randomized to receive 75 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

| | |
|-----------------------|-----------------------|
| Reporting group title | Eliapixant 150 mg BID |
|-----------------------|-----------------------|

Reporting group description:

Subjects were randomized to receive 150 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

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

Reporting group description:

Subjects were randomized to receive placebo for eliapixant, administered twice daily over the course of 12 weeks.

| | |
|----------------------------|-------------------------|
| Subject analysis set title | Full analysis set (FAS) |
|----------------------------|-------------------------|

| | |
|---------------------------|---------------|
| Subject analysis set type | Full analysis |
|---------------------------|---------------|

Subject analysis set description:

All subjects randomly assigned to study intervention. Subjects were analyzed according to the intervention they were randomized to.

| | |
|----------------------------|---------------------------|
| Subject analysis set title | Safety analysis set (SAF) |
|----------------------------|---------------------------|

| | |
|---------------------------|-----------------|
| Subject analysis set type | Safety analysis |
|---------------------------|-----------------|

Subject analysis set description:

All subjects randomly assigned to study intervention and who took at least one tablet of study intervention. Subjects were analyzed according to the intervention they actually received.

| | |
|----------------------------|------------------------|
| Subject analysis set title | Per protocol set (PPS) |
|----------------------------|------------------------|

| | |
|---------------------------|--------------|
| Subject analysis set type | Per protocol |
|---------------------------|--------------|

Subject analysis set description:

All subjects randomly assigned to study intervention who did not have validity findings affecting efficacy. subjects were analyzed according to the intervention they actually received. If a subject received different interventions during the study, he/she was excluded from the PPS.

The main reasons for excluding the subjects from the PPS were that there was no valid post-baseline measurement available due to an intercurrent event (15 subjects, 4.8%) or that the subject had used prohibited concomitant medication (9 subjects, 2.9%).

Primary: Change from baseline in 24-hour cough count after 12 weeks of intervention

| | |
|-----------------|--|
| End point title | Change from baseline in 24-hour cough count after 12 weeks of intervention |
|-----------------|--|

End point description:

Measured by cough recording digital wearable monitoring device.

btw = between

geo = geometric

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

End point timeframe:

From baseline up to 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|--|----------------------|----------------------|-----------------------|-------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 64 ^[1] | 68 ^[2] | 72 ^[3] | 73 ^[4] |
| Units: Ratio btw geoMeans of 24h cough count | | | | |
| geometric mean (standard deviation) | 0.56 (± 0.9191) | 0.47 (± 0.9019) | 0.52 (± 0.8608) | 0.64 (± 0.7855) |

Notes:

[1] - PPS

[2] - PPS

[3] - PPS

[4] - PPS

Statistical analyses

| | |
|-----------------------------------|--|
| Statistical analysis title | Detection of dose-response: Emax model (ED50=30) |
|-----------------------------------|--|

Statistical analysis description:

Dose response relationship was assessed using the MCP-Mod method combining multiple comparison procedures (MCP) principles with modeling techniques. A generalized MCP approach (with adjustment for baseline cough count and geographic region) was applied to calculate the adjusted one-sided p-values of the contrast test. Pre-specified overall Type one error at alpha level of 0.1 (one-sided).

| | |
|---|---|
| Comparison groups | Placebo v Eliapixant 25 mg BID v Eliapixant 75 mg BID v Eliapixant 150 mg BID |
| Number of subjects included in analysis | 277 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0345 ^[5] |
| Method | MCP-Mod method |

Notes:

[5] - Adjusted p-value

| | |
|-----------------------------------|--------------------------------------|
| Statistical analysis title | DoD: sigm. Emax model (ED50=30, h=3) |
|-----------------------------------|--------------------------------------|

Statistical analysis description:

DoD = Detection of dose-response
 sigm = sigmoidal
 h = hill parameter

Dose response relationship was assessed using the MCP-Mod method combining multiple comparison procedures (MCP) principles with modeling techniques. A generalized MCP approach (with adjustment for baseline cough count and geographic region) was applied to calculate the adjusted one-sided p-values of the contrast test. Pre-specified overall Type one error at alpha level of 0.1 (one-sided).

| | |
|---|---|
| Comparison groups | Placebo v Eliapixant 25 mg BID v Eliapixant 75 mg BID v Eliapixant 150 mg BID |
| Number of subjects included in analysis | 277 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0319 ^[6] |
| Method | MCP-Mod method |

Notes:

[6] - Adjusted p-value

| | |
|-----------------------------------|--------------------------------------|
| Statistical analysis title | DoD: sigm. Emax model (ED50=60, h=5) |
|-----------------------------------|--------------------------------------|

Statistical analysis description:

DoD = Detection of dose-response
 sigm = sigmoidal
 h = hill parameter

Dose response relationship was assessed using the MCP-Mod method combining multiple comparison procedures (MCP) principles with modeling techniques. A generalized MCP approach (with adjustment for baseline cough count and geographic region) was applied to calculate the adjusted one-sided p-values of the contrast test. Pre-specified overall Type one error at alpha level of 0.1 (one-sided).

| | |
|---|---|
| Comparison groups | Placebo v Eliapixant 25 mg BID v Eliapixant 75 mg BID v Eliapixant 150 mg BID |
| Number of subjects included in analysis | 277 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0603 [7] |
| Method | MCP-Mod method |

Notes:

[7] - Adjusted p-value

| | |
|-----------------------------------|--|
| Statistical analysis title | Detection of dose-response: Emax model (ED50=50) |
|-----------------------------------|--|

Statistical analysis description:

Dose response relationship was assessed using the MCP-Mod method combining multiple comparison procedures (MCP) principles with modeling techniques. A generalized MCP approach (with adjustment for baseline cough count and geographic region) was applied to calculate the adjusted one-sided p-values of the contrast test. Pre-specified overall Type one error at alpha level of 0.1 (one-sided).

| | |
|---|---|
| Comparison groups | Placebo v Eliapixant 25 mg BID v Eliapixant 75 mg BID v Eliapixant 150 mg BID |
| Number of subjects included in analysis | 277 |
| Analysis specification | Pre-specified |
| Analysis type | superiority |
| P-value | = 0.0376 [8] |
| Method | MCP-Mod method |

Notes:

[8] - Adjusted p-value

Secondary: Percentage of subjects with a $\geq 30\%$ reduction from baseline in 24-hour cough count after 12 weeks of intervention

| | |
|-----------------|---|
| End point title | Percentage of subjects with a $\geq 30\%$ reduction from baseline in 24-hour cough count after 12 weeks of intervention |
|-----------------|---|

End point description:

Measured by cough recording digital wearable monitoring device

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

End point timeframe:

From baseline up to 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 67 ^[9] | 69 ^[10] | 73 ^[11] | 74 ^[12] |
| Units: Percentage | | | | |
| number (confidence interval 95%) | 52.24 (39.67 to 64.60) | 63.77 (51.31 to 75.01) | 53.42 (41.37 to 65.20) | 45.95 (34.29 to 57.93) |

Notes:

[9] - PPS

[10] - PPS

[11] - PPS

[12] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Change from baseline in 24-hour cough count after 2, 4, and 8 weeks of intervention

| | |
|-----------------|---|
| End point title | Change from baseline in 24-hour cough count after 2, 4, and 8 weeks of intervention |
|-----------------|---|

End point description:

Measured by cough recording digital wearable monitoring device

btw = between

geo = geometric

Number of subjects analysed at Week 2: Eliapixant 25 mg BID (N=66), Eliapixant 75 mg BID (N=67), Eliapixant 150 mg BID (N=72), Placebo (N=73)

Number of subjects analysed at Week 4: Eliapixant 25 mg BID (N=66), Eliapixant 75 mg BID (N=66), Eliapixant 150 mg BID (N=68), Placebo (N=71)

Number of subjects analysed at Week 8: Eliapixant 25 mg BID (N=64), Eliapixant 75 mg BID (N=65), Eliapixant 150 mg BID (N=69), Placebo (N=72)

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

End point timeframe:

From baseline up to 2 weeks, 4 weeks and 8 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|--|----------------------|----------------------|-----------------------|--------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 67 ^[13] | 69 ^[14] | 73 ^[15] | 74 ^[16] |
| Units: Ratio btw geoMeans of 24h cough count | | | | |
| geometric mean (standard deviation) | | | | |
| Week 2 | 0.75 (± 0.6134) | 0.58 (± 0.8209) | 0.61 (± 0.6636) | 0.75 (± 0.4762) |
| Week 4 | 0.64 (± 0.7237) | 0.51 (± 0.8192) | 0.58 (± 0.8589) | 0.69 (± 0.6657) |
| Week 8 | 0.55 (± 0.8737) | 0.46 (± 0.9484) | 0.51 (± 0.8827) | 0.70 (± 0.6451) |

Notes:

[13] - PPS

[14] - PPS

[15] - PPS

[16] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Change from baseline in awake cough frequency per hour after 2, 4, 8 and 12 weeks of intervention

| | |
|-----------------|---|
| End point title | Change from baseline in awake cough frequency per hour after 2, 4, 8 and 12 weeks of intervention |
|-----------------|---|

End point description:

Measured by cough recording digital wearable monitoring device

btw = between

geo = geometric

Number of subjects analysed at Week 2: Eliapixant 25 mg BID (N=65), Eliapixant 75 mg BID (N=67), Eliapixant 150 mg BID (N=72), Placebo (N=73)

Number of subjects analysed at Week 4: Eliapixant 25 mg BID (N=66), Eliapixant 75 mg BID (N=66), Eliapixant 150 mg BID (N=68), Placebo (N=71)

Number of subjects analysed at Week 8: Eliapixant 25 mg BID (N=64), Eliapixant 75 mg BID (N=65), Eliapixant 150 mg BID (N=69), Placebo (N=72)

Number of subjects analysed at Week 12: Eliapixant 25 mg BID (N=64), Eliapixant 75 mg BID (N=68), Eliapixant 150 mg BID (N=72), Placebo (N=73)

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

End point timeframe:

From baseline up to 2 weeks, 4 weeks, 8 weeks and 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|--|----------------------|----------------------|-----------------------|--------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 67 ^[17] | 69 ^[18] | 73 ^[19] | 74 ^[20] |
| Units: Ratio btw geoMeans of 24h cough count | | | | |
| geometric mean (standard deviation) | | | | |
| Week 2 | 0.78 (± 0.6324) | 0.60 (± 0.8295) | 0.60 (± 0.6695) | 0.77 (± 0.4660) |
| Week 4 | 0.67 (± 0.7390) | 0.53 (± 0.8128) | 0.57 (± 0.8983) | 0.72 (± 0.6637) |
| Week 8 | 0.55 (± 0.9274) | 0.47 (± 0.9576) | 0.50 (± 0.9154) | 0.72 (± 0.6698) |
| Week 12 | 0.56 (± 0.9582) | 0.47 (± 0.9051) | 0.47 (± 1.1338) | 0.65 (± 0.7926) |

Notes:

[17] - PPS

[18] - PPS

[19] - PPS

[20] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Change from baseline in cough related quality of life after 12 weeks of intervention

| | |
|-----------------|--|
| End point title | Change from baseline in cough related quality of life after 12 weeks of intervention |
|-----------------|--|

End point description:

Measured by Leicester Cough Questionnaire [LCQ]

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

End point timeframe:
From baseline up to 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|--------------------------------------|----------------------|----------------------|-----------------------|--------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 67 ^[21] | 69 ^[22] | 73 ^[23] | 74 ^[24] |
| Units: Score of the Questionnaire | | | | |
| arithmetic mean (standard deviation) | 2.18 (± 3.44) | 2.50 (± 3.29) | 2.73 (± 3.53) | 2.16 (± 3.12) |

Notes:

[21] - PPS

[22] - PPS

[23] - PPS

[24] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Change from baseline in cough severity after 12 weeks of intervention

| | |
|-----------------|---|
| End point title | Change from baseline in cough severity after 12 weeks of intervention |
|-----------------|---|

End point description:

Measured by Cough Severity Visual Analogue Scale [VAS]

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

End point timeframe:

From baseline up to 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|--------------------------------------|----------------------|----------------------|-----------------------|--------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 61 ^[25] | 68 ^[26] | 67 ^[27] | 68 ^[28] |
| Units: Score of VAS | | | | |
| arithmetic mean (standard deviation) | -17.69 (± 23.87) | -22.66 (± 22.98) | -22.87 (± 24.54) | -17.02 (± 21.88) |

Notes:

[25] - PPS

[26] - PPS

[27] - PPS

[28] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of subjects with a ≥30 scale units reduction from baseline after 12 weeks of intervention

| | |
|-----------------|--|
| End point title | Percentage of subjects with a ≥30 scale units reduction from |
|-----------------|--|

End point description:

Measured by cough Severity VAS

End point type

Secondary

End point timeframe:

From baseline up to 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 67 ^[29] | 69 ^[30] | 73 ^[31] | 74 ^[32] |
| Units: Percentage | | | | |
| number (confidence interval 95%) | 26.87 (16.76 to 39.10) | 36.23 (24.99 to 48.69) | 27.40 (17.61 to 39.09) | 20.27 (11.81 to 31.22) |

Notes:

[29] - PPS

[30] - PPS

[31] - PPS

[32] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of subjects with a ≥ 1.3 -point increase from baseline after 12 weeks of intervention

End point title

Percentage of subjects with a ≥ 1.3 -point increase from baseline after 12 weeks of intervention

End point description:

Measured with LCQ Total Score

End point type

Secondary

End point timeframe:

From baseline up to 12 weeks

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|----------------------------------|------------------------|------------------------|------------------------|------------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 67 ^[33] | 69 ^[34] | 73 ^[35] | 74 ^[36] |
| Units: Percentage | | | | |
| number (confidence interval 95%) | 47.76 (35.40 to 60.33) | 60.87 (48.37 to 72.40) | 64.38 (52.31 to 75.25) | 51.35 (39.44 to 63.15) |

Notes:

[33] - PPS

[34] - PPS

[35] - PPS

[36] - PPS

Statistical analyses

No statistical analyses for this end point

Secondary: Number of subjects with treatment-emergent adverse events (TEAEs) and associated severity

| | |
|-----------------|---|
| End point title | Number of subjects with treatment-emergent adverse events (TEAEs) and associated severity |
|-----------------|---|

End point description:

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

End point timeframe:

From the start of study intervention administration until 14 days after the last study medication intake

| End point values | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID | Placebo |
|---|----------------------|----------------------|-----------------------|--------------------|
| Subject group type | Reporting group | Reporting group | Reporting group | Reporting group |
| Number of subjects analysed | 75 ^[37] | 78 ^[38] | 80 ^[39] | 77 ^[40] |
| Units: Subjects | | | | |
| Any TEAE | 43 | 51 | 51 | 39 |
| Maximum intensity for any TEAE - mild | 21 | 32 | 23 | 18 |
| Maximum intensity for any TEAE - moderate | 22 | 16 | 25 | 20 |
| Maximum intensity for any TEAE - severe | 0 | 3 | 3 | 1 |
| Any serious TEAE | 0 | 1 | 2 | 1 |

Notes:

[37] - SAF

[38] - SAF

[39] - SAF

[40] - SAF

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

From the start of study intervention administration until 14 days after the last study medication intake

| | |
|-----------------|----------------|
| Assessment type | Non-systematic |
|-----------------|----------------|

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 24.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|----------------------|
| Reporting group title | Eliapixant 25 mg BID |
|-----------------------|----------------------|

Reporting group description:

Subjects were randomized to receive 25 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

| | |
|-----------------------|----------------------|
| Reporting group title | Eliapixant 75 mg BID |
|-----------------------|----------------------|

Reporting group description:

Subjects were randomized to receive 75 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

| | |
|-----------------------|-----------------------|
| Reporting group title | Eliapixant 150 mg BID |
|-----------------------|-----------------------|

Reporting group description:

Subjects were randomized to receive 150 mg oral doses of eliapixant, administered twice daily over the course of 12 weeks.

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

Reporting group description:

Subjects were randomized to receive placebo for eliapixant, administered twice daily over the course of 12 weeks.

| Serious adverse events | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID |
|---|----------------------|----------------------|-----------------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 1 / 78 (1.28%) | 2 / 80 (2.50%) |
| number of deaths (all causes) | 0 | 0 | 0 |
| number of deaths resulting from adverse events | 0 | 0 | 0 |
| Investigations | | | |
| Liver function test abnormal | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 0 / 78 (0.00%) | 1 / 80 (1.25%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 1 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Injury, poisoning and procedural complications | | | |
| Lumbar vertebral fracture | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 0 / 78 (0.00%) | 1 / 80 (1.25%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------|----------------|----------------|
| Cardiac disorders | | | |
| Angina unstable | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 0 / 78 (0.00%) | 0 / 80 (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 |
| Infections and infestations | | | |
| Pneumonia | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 1 / 78 (1.28%) | 0 / 80 (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 |

| | | | |
|---|----------------|--|--|
| Serious adverse events | Placebo | | |
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 1 / 77 (1.30%) | | |
| number of deaths (all causes) | 0 | | |
| number of deaths resulting from adverse events | 0 | | |
| Investigations | | | |
| Liver function test abnormal | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Injury, poisoning and procedural complications | | | |
| Lumbar vertebral fracture | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Cardiac disorders | | | |
| Angina unstable | | | |
| subjects affected / exposed | 1 / 77 (1.30%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Infections and infestations | | | |
| Pneumonia | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences causally related to treatment / all | 0 / 0 | | |
| deaths causally related to treatment / all | 0 / 0 | | |

Frequency threshold for reporting non-serious adverse events: 2 %

| Non-serious adverse events | Eliapixant 25 mg BID | Eliapixant 75 mg BID | Eliapixant 150 mg BID |
|--|-------------------------|-------------------------|--------------------------|
| Total subjects affected by non-serious adverse events subjects affected / exposed | 32 / 75 (42.67%) | 37 / 78 (47.44%) | 45 / 80 (56.25%) |
| Investigations | | | |
| Alanine aminotransferase increased subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 1 / 78 (1.28%) 1 | 2 / 80 (2.50%) 2 |
| Aspartate aminotransferase increased subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 0 / 78 (0.00%) 0 | 2 / 80 (2.50%) 2 |
| Blood fibrinogen increased subjects affected / exposed occurrences (all) | 1 / 75 (1.33%) 1 | 1 / 78 (1.28%) 1 | 2 / 80 (2.50%) 2 |
| Weight increased subjects affected / exposed occurrences (all) | 1 / 75 (1.33%) 1 | 1 / 78 (1.28%) 1 | 2 / 80 (2.50%) 2 |
| Injury, poisoning and procedural complications | | | |
| Ligament sprain subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 2 / 78 (2.56%) 2 | 0 / 80 (0.00%) 0 |
| Nervous system disorders | | | |
| Ageusia subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 0 / 78 (0.00%) 0 | 2 / 80 (2.50%) 2 |
| Dizziness subjects affected / exposed occurrences (all) | 2 / 75 (2.67%) 2 | 2 / 78 (2.56%) 2 | 1 / 80 (1.25%) 1 |
| Dysgeusia subjects affected / exposed occurrences (all) | 1 / 75 (1.33%) 1 | 9 / 78 (11.54%) 9 | 13 / 80 (16.25%) 14 |

| | | | |
|--|----------------|----------------|----------------|
| Headache | | | |
| subjects affected / exposed | 6 / 75 (8.00%) | 5 / 78 (6.41%) | 6 / 80 (7.50%) |
| occurrences (all) | 6 | 10 | 7 |
| Hypogeusia | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 1 / 78 (1.28%) | 4 / 80 (5.00%) |
| occurrences (all) | 2 | 1 | 4 |
| Balance disorder | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 1 / 78 (1.28%) | 2 / 80 (2.50%) |
| occurrences (all) | 0 | 1 | 2 |
| Taste disorder | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 2 / 78 (2.56%) | 1 / 80 (1.25%) |
| occurrences (all) | 0 | 2 | 1 |
| General disorders and administration site conditions | | | |
| Chest discomfort | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 1 / 78 (1.28%) | 0 / 80 (0.00%) |
| occurrences (all) | 2 | 1 | 0 |
| Fatigue | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 6 / 78 (7.69%) | 5 / 80 (6.25%) |
| occurrences (all) | 2 | 6 | 6 |
| Oedema peripheral | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 2 / 78 (2.56%) | 1 / 80 (1.25%) |
| occurrences (all) | 0 | 2 | 1 |
| Pyrexia | | | |
| subjects affected / exposed | 3 / 75 (4.00%) | 0 / 78 (0.00%) | 0 / 80 (0.00%) |
| occurrences (all) | 3 | 0 | 0 |
| Swelling face | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 0 / 78 (0.00%) | 0 / 80 (0.00%) |
| occurrences (all) | 2 | 0 | 0 |
| Gastrointestinal disorders | | | |
| Abdominal discomfort | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 0 / 78 (0.00%) | 2 / 80 (2.50%) |
| occurrences (all) | 0 | 0 | 2 |
| Abdominal pain upper | | | |
| subjects affected / exposed | 3 / 75 (4.00%) | 3 / 78 (3.85%) | 2 / 80 (2.50%) |
| occurrences (all) | 3 | 3 | 2 |
| Diarrhoea | | | |

| | | | |
|--|---------------------|---------------------|---------------------|
| subjects affected / exposed occurrences (all) | 3 / 75 (4.00%) 3 | 2 / 78 (2.56%) 2 | 1 / 80 (1.25%) 1 |
| Dry mouth subjects affected / exposed occurrences (all) | 1 / 75 (1.33%) 1 | 3 / 78 (3.85%) 3 | 2 / 80 (2.50%) 2 |
| Flatulence subjects affected / exposed occurrences (all) | 2 / 75 (2.67%) 2 | 1 / 78 (1.28%) 1 | 0 / 80 (0.00%) 0 |
| Gastrooesophageal reflux disease subjects affected / exposed occurrences (all) | 1 / 75 (1.33%) 1 | 2 / 78 (2.56%) 2 | 2 / 80 (2.50%) 2 |
| Nausea subjects affected / exposed occurrences (all) | 2 / 75 (2.67%) 2 | 2 / 78 (2.56%) 3 | 5 / 80 (6.25%) 5 |
| Vomiting subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 0 / 78 (0.00%) 0 | 3 / 80 (3.75%) 3 |
| Respiratory, thoracic and mediastinal disorders Cough subjects affected / exposed occurrences (all) | 4 / 75 (5.33%) 4 | 7 / 78 (8.97%) 7 | 7 / 80 (8.75%) 7 |
| Nasal dryness subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 0 / 78 (0.00%) 0 | 0 / 80 (0.00%) 0 |
| Throat irritation subjects affected / exposed occurrences (all) | 0 / 75 (0.00%) 0 | 1 / 78 (1.28%) 1 | 2 / 80 (2.50%) 2 |
| Oropharyngeal pain subjects affected / exposed occurrences (all) | 2 / 75 (2.67%) 2 | 0 / 78 (0.00%) 0 | 1 / 80 (1.25%) 1 |
| Skin and subcutaneous tissue disorders Pruritus subjects affected / exposed occurrences (all) | 3 / 75 (4.00%) 3 | 0 / 78 (0.00%) 0 | 1 / 80 (1.25%) 1 |
| Rash | | | |

| | | | |
|--|---------------------|---------------------|---------------------|
| subjects affected / exposed occurrences (all) | 2 / 75 (2.67%) 2 | 0 / 78 (0.00%) 0 | 2 / 80 (2.50%) 4 |
| Psychiatric disorders | | | |
| Anxiety | | | |
| subjects affected / exposed | 1 / 75 (1.33%) | 2 / 78 (2.56%) | 0 / 80 (0.00%) |
| occurrences (all) | 1 | 2 | 0 |
| Insomnia | | | |
| subjects affected / exposed | 4 / 75 (5.33%) | 0 / 78 (0.00%) | 1 / 80 (1.25%) |
| occurrences (all) | 4 | 0 | 1 |
| Musculoskeletal and connective tissue disorders | | | |
| Arthralgia | | | |
| subjects affected / exposed | 1 / 75 (1.33%) | 2 / 78 (2.56%) | 2 / 80 (2.50%) |
| occurrences (all) | 2 | 2 | 2 |
| Back pain | | | |
| subjects affected / exposed | 0 / 75 (0.00%) | 0 / 78 (0.00%) | 1 / 80 (1.25%) |
| occurrences (all) | 0 | 0 | 1 |
| Myalgia | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 0 / 78 (0.00%) | 0 / 80 (0.00%) |
| occurrences (all) | 2 | 0 | 0 |
| Pain in extremity | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 0 / 78 (0.00%) | 2 / 80 (2.50%) |
| occurrences (all) | 2 | 0 | 2 |
| Infections and infestations | | | |
| Gastroenteritis | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 0 / 78 (0.00%) | 0 / 80 (0.00%) |
| occurrences (all) | 3 | 0 | 0 |
| Nasopharyngitis | | | |
| subjects affected / exposed | 2 / 75 (2.67%) | 3 / 78 (3.85%) | 2 / 80 (2.50%) |
| occurrences (all) | 2 | 3 | 3 |
| Sinusitis | | | |
| subjects affected / exposed | 1 / 75 (1.33%) | 0 / 78 (0.00%) | 2 / 80 (2.50%) |
| occurrences (all) | 1 | 0 | 2 |
| Urinary tract infection | | | |
| subjects affected / exposed | 1 / 75 (1.33%) | 2 / 78 (2.56%) | 3 / 80 (3.75%) |
| occurrences (all) | 1 | 2 | 3 |
| COVID-19 | | | |

| | | | |
|-----------------------------|----------------|----------------|----------------|
| subjects affected / exposed | 2 / 75 (2.67%) | 2 / 78 (2.56%) | 0 / 80 (0.00%) |
| occurrences (all) | 2 | 2 | 0 |

| Non-serious adverse events | Placebo | | |
|---|------------------|--|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 25 / 77 (32.47%) | | |
| Investigations | | | |
| Alanine aminotransferase increased | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences (all) | 0 | | |
| Aspartate aminotransferase increased | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences (all) | 0 | | |
| Blood fibrinogen increased | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences (all) | 0 | | |
| Weight increased | | | |
| subjects affected / exposed | 0 / 77 (0.00%) | | |
| occurrences (all) | 0 | | |
| Injury, poisoning and procedural complications | | | |
| Ligament sprain | | | |
| subjects affected / exposed | 1 / 77 (1.30%) | | |
| occurrences (all) | 1 | | |
| Nervous system disorders | | | |
| Ageusia | | | |
| subjects affected / exposed | 1 / 77 (1.30%) | | |
| occurrences (all) | 1 | | |
| Dizziness | | | |
| subjects affected / exposed | 5 / 77 (6.49%) | | |
| occurrences (all) | 5 | | |
| Dysgeusia | | | |
| subjects affected / exposed | 1 / 77 (1.30%) | | |
| occurrences (all) | 1 | | |
| Headache | | | |
| subjects affected / exposed | 4 / 77 (5.19%) | | |
| occurrences (all) | 4 | | |

| | | | |
|--|---------------------|--|--|
| Hypogeusia subjects affected / exposed occurrences (all) | 2 / 77 (2.60%) 2 | | |
| Balance disorder subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Taste disorder subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| General disorders and administration site conditions | | | |
| Chest discomfort subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Fatigue subjects affected / exposed occurrences (all) | 2 / 77 (2.60%) 2 | | |
| Oedema peripheral subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Pyrexia subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Swelling face subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Gastrointestinal disorders | | | |
| Abdominal discomfort subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Abdominal pain upper subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Diarrhoea subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Dry mouth | | | |

| | | | |
|--|---------------------|--|--|
| subjects affected / exposed occurrences (all) | 4 / 77 (5.19%) 5 | | |
| Flatulence subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Gastrooesophageal reflux disease subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Nausea subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 2 | | |
| Vomiting subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Respiratory, thoracic and mediastinal disorders Cough subjects affected / exposed occurrences (all) | 3 / 77 (3.90%) 3 | | |
| Nasal dryness subjects affected / exposed occurrences (all) | 2 / 77 (2.60%) 3 | | |
| Throat irritation subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Oropharyngeal pain subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Skin and subcutaneous tissue disorders Pruritus subjects affected / exposed occurrences (all) | 2 / 77 (2.60%) 2 | | |
| Rash subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Psychiatric disorders | | | |

| | | | |
|---|---------------------|--|--|
| Anxiety subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Insomnia subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Musculoskeletal and connective tissue disorders | | | |
| Arthralgia subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Back pain subjects affected / exposed occurrences (all) | 2 / 77 (2.60%) 2 | | |
| Myalgia subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Pain in extremity subjects affected / exposed occurrences (all) | 2 / 77 (2.60%) 2 | | |
| Infections and infestations | | | |
| Gastroenteritis subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| Nasopharyngitis subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Sinusitis subjects affected / exposed occurrences (all) | 1 / 77 (1.30%) 1 | | |
| Urinary tract infection subjects affected / exposed occurrences (all) | 0 / 77 (0.00%) 0 | | |
| COVID-19 subjects affected / exposed occurrences (all) | 3 / 77 (3.90%) 3 | | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? No

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported