



## Clinical trial results:

### A Phase 2 Multiple Dose, Randomized Study to Assess the Safety, Tolerability, Pharmacokinetics and Efficacy of Recifercept in Children With Achondroplasia

#### Summary

|                          |                |
|--------------------------|----------------|
| EudraCT number           | 2020-001189-13 |
| Trial protocol           | PT DK BE IT    |
| Global end of trial date | 27 March 2023  |

#### Results information

|                                |                 |
|--------------------------------|-----------------|
| Result version number          | v1 (current)    |
| This version publication date  | 07 October 2023 |
| First version publication date | 07 October 2023 |

#### Trial information

##### Trial identification

|                       |          |
|-----------------------|----------|
| Sponsor protocol code | C4181005 |
|-----------------------|----------|

##### Additional study identifiers

|                                    |             |
|------------------------------------|-------------|
| ISRCTN number                      | -           |
| ClinicalTrials.gov id (NCT number) | NCT04638153 |
| WHO universal trial number (UTN)   | -           |

Notes:

#### Sponsors

|                              |  |
|------------------------------|--|
| Sponsor organisation name    | Pfizer Inc.  |
| Sponsor organisation address | 235 E 42nd Street, New York, United States, NY 10017   |
| Public contact               | Pfizer ClinicalTrials.gov Call Center, Pfizer Inc., +1 8007181021, ClinicalTrials.gov_Inquiries@pfizer.com |
| Scientific contact           | Pfizer ClinicalTrials.gov Call Center, Pfizer Inc., +1 8007181021, ClinicalTrials.gov_Inquiries@pfizer.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                       | 27 March 2023 |
| Is this the analysis of the primary completion data? | No            |
| Global end of trial reached?                         | Yes           |
| Global end of trial date                             | 27 March 2023 |
| Was the trial ended prematurely?                     | Yes           |

Notes:

## General information about the trial

Main objective of the trial:

Primary objectives: 1) to evaluate the safety and tolerability of recifercept doses and dosing regimes in subjects aged  $\geq 2$  to  $< 11$  years with achondroplasia; 2) to assess efficacy of recifercept to increase height growth in children with achondroplasia.

Protection of trial subjects:

This study was conducted in compliance with the ethical principles originating in or derived from the Declaration of Helsinki and in compliance with all International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use (ICH) Good Clinical Practice (GCP) Guidelines. In addition, all local regulatory requirements were followed, in particular, those affording greater protection to the safety of trial subjects.

Background therapy: -

Evidence for comparator: -

|   |                  |
|---|------------------|
| Actual start date of recruitment                          | 02 December 2020 |
| 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: 3      |
| Country: Number of subjects enrolled | Belgium: 4        |
| Country: Number of subjects enrolled | Denmark: 8        |
| Country: Number of subjects enrolled | Italy: 11         |
| Country: Number of subjects enrolled | Japan: 3          |
| Country: Number of subjects enrolled | Portugal: 5       |
| Country: Number of subjects enrolled | Spain: 11         |
| Country: Number of subjects enrolled | United States: 12 |
| Worldwide total number of subjects   | 57                |
| EEA total number of subjects         | 39                |

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) | 3  |
| Children (2-11 years)                    | 54 |
| Adolescents (12-17 years)                | 0  |
| Adults (18-64 years)                     | 0  |
| From 65 to 84 years                      | 0  |
| 85 years and over                        | 0  |

## Subject disposition

### Recruitment

Recruitment details: -

### Pre-assignment

Screening details:

A total of 63 subjects were screened with 58 subjects assigned to treatment. Of the 58 subjects assigned to treatment, 57 (98.3%) subjects were treated. One subject was assigned to treatment but not treated.

### Period 1

|                              |                                |
|------------------------------|--------------------------------|
| Period 1 title               | Overall Study (overall period) |
| Is this the baseline period? | Yes                            |
| Allocation method            | Non-randomised - controlled    |
| Blinding used                | Single blind                   |
| Roles blinded                | Assessor <sup>[1]</sup>        |

### Arms

|                              |                        |
|------------------------------|------------------------|
| Are arms mutually exclusive? | Yes                    |
| <b>Arm title</b>             | Recifercept 1 mg/kg QW |

Arm description:

Children subjects were enrolled and randomised to receive recifercept 1 mg/kg once weekly (QW) for 12 months.

|  |                                   |
|--|-----------------------------------|
| Arm type                               | Experimental                      |
| Investigational medicinal product name | Recifercept                       |
| Investigational medicinal product code |                                   |
| Other name                             | PF-07256472                       |
| Pharmaceutical forms                   | Powder for solution for injection |
| Routes of administration               | Subcutaneous use                  |

Dosage and administration details:

Recifercept 1 mg/kg was administered once weekly.

|                  |                         |
|------------------|-------------------------|
| <b>Arm title</b> | Recifercept 2 mg/kg BIW |
|------------------|-------------------------|

Arm description:

Children subjects were enrolled and randomised to receive recifercept 2 mg/kg twice weekly (BIW) for 12 months.

|  |                                   |
|--|-----------------------------------|
| Arm type                               | Experimental                      |
| Investigational medicinal product name | Recifercept                       |
| Investigational medicinal product code |                                   |
| Other name                             | PF-07256472                       |
| Pharmaceutical forms                   | Powder for solution for injection |
| Routes of administration               | Subcutaneous use                  |

Dosage and administration details:

Recifercept 2 mg/kg was administered twice weekly.

|                  |                          |
|------------------|--------------------------|
| <b>Arm title</b> | Recifercept 1.5 mg/kg QD |
|------------------|--------------------------|

Arm description:

Children subjects were enrolled and randomised to receive recifercept 1.5 mg/kg once daily (QD) for 12 months.

|          |              |
|----------|--------------|
| Arm type | Experimental |
|----------|--------------|

|  |                                   |
|--|-----------------------------------|
| Investigational medicinal product name | Recifercept                       |
| Investigational medicinal product code |                                   |
| Other name                             | PF-07256472                       |
| Pharmaceutical forms                   | Powder for solution for injection |
| Routes of administration               | Subcutaneous use                  |

Dosage and administration details:

Recifercept 1.5 mg/kg was administered once daily.

Notes:

[1] - The roles blinded appear inconsistent with a simple blinded trial.

Justification: This was a partially blinded study with open-label supplies. In order to minimize bias in measurement of the primary efficacy endpoint (height), the anthropometrist was blinded to dose assignment. There was no additional blinding.

| <b>Number of subjects in period 1</b> | Recifercept 1 mg/kg<br>QW | Recifercept 2 mg/kg<br>BIW | Recifercept 1.5<br>mg/kg QD |
|---------------------------------------|---------------------------|----------------------------|-----------------------------|
| Started                               | 20                        | 19                         | 18                          |
| Completed                             | 16                        | 17                         | 3                           |
| Not completed                         | 4                         | 2                          | 15                          |
| Study terminated by sponsor           | 4                         | 2                          | 14                          |
| Withdrawal by parent/guardian         | -                         | -                          | 1                           |

## Baseline characteristics

### Reporting groups

|   |                          |
|---|--------------------------|
| Reporting group title   | Recifercept 1 mg/kg QW   |
| Reporting group description:<br>Children subjects were enrolled and randomised to receive recifercept 1 mg/kg once weekly (QW) for 12 months.   |                          |
| Reporting group title   | Recifercept 2 mg/kg BIW  |
| Reporting group description:<br>Children subjects were enrolled and randomised to receive recifercept 2 mg/kg twice weekly (BIW) for 12 months. |                          |
| Reporting group title   | Recifercept 1.5 mg/kg QD |
| Reporting group description:<br>Children subjects were enrolled and randomised to receive recifercept 1.5 mg/kg once daily (QD) for 12 months.  |                          |

| Reporting group values                             | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |
|--|------------------------|-------------------------|--------------------------|
| Number of subjects                                 | 20                     | 19                      | 18                       |
| Age Categorical<br>Units: Subjects                 |                        |                         |                          |
| In utero   | 0                      | 0                       | 0                        |
| Preterm newborn infants (gestational age < 37 wks) | 0                      | 0                       | 0                        |
| Newborns (0-27 days)                               | 0                      | 0                       | 0                        |
| Infants and toddlers (28 days-23 months)           | 2                      | 1                       | 0                        |
| Children (2-11 years)                              | 18                     | 18                      | 18                       |
| Adolescents (12-17 years)                          | 0                      | 0                       | 0                        |
| Adults (18-64 years)                               | 0                      | 0                       | 0                        |
| From 65-84 years                                   | 0                      | 0                       | 0                        |
| 85 years and over                                  | 0                      | 0                       | 0                        |
| Age Continuous<br>Units: years                     |                        |                         |                          |
| arithmetic mean                                    | 5.75                   | 5.16                    | 5.83                     |
| standard deviation                                 | ± 2.84                 | ± 2.59                  | ± 2.31                   |
| Gender Categorical<br>Units: Subjects              |                        |                         |                          |
| Female   | 9                      | 9                       | 6                        |
| Male   | 11                     | 10                      | 12                       |
| Race Categorical<br>Units: Subjects                |                        |                         |                          |
| White  | 15                     | 19                      | 14                       |
| Asian  | 3                      | 0                       | 2                        |
| Multiracial  | 1                      | 0                       | 1                        |
| Not Reported                                       | 1                      | 0                       | 1                        |
| Ethnicity Categorical<br>Units: Subjects           |                        |                         |                          |
| Hispanic or Latino                                 | 3                      | 0                       | 2                        |
| Not Hispanic or Latino                             | 16                     | 19                      | 15                       |
| Not Reported                                       | 1                      | 0                       | 1                        |

| <b>Reporting group values</b>                         | Total |  |  |
|---|-------|--|--|
| Number of subjects                                    | 57    |  |  |
| Age Categorical<br>Units: Subjects                    |       |  |  |
| In utero  | 0     |  |  |
| Preterm newborn infants<br>(gestational age < 37 wks) | 0     |  |  |
| Newborns (0-27 days)                                  | 0     |  |  |
| Infants and toddlers (28 days-23<br>months)           | 3     |  |  |
| Children (2-11 years)                                 | 54    |  |  |
| Adolescents (12-17 years)                             | 0     |  |  |
| Adults (18-64 years)                                  | 0     |  |  |
| From 65-84 years                                      | 0     |  |  |
| 85 years and over                                     | 0     |  |  |
| Age Continuous<br>Units: years                        |       |  |  |
| arithmetic mean                                       |       |  |  |
| standard deviation                                    | -     |  |  |
| Gender Categorical<br>Units: Subjects                 |       |  |  |
| Female  | 24    |  |  |
| Male  | 33    |  |  |
| Race Categorical<br>Units: Subjects                   |       |  |  |
| White   | 48    |  |  |
| Asian   | 5     |  |  |
| Multiracial   | 2     |  |  |
| Not Reported  | 2     |  |  |
| Ethnicity Categorical<br>Units: Subjects              |       |  |  |
| Hispanic or Latino                                    | 5     |  |  |
| Not Hispanic or Latino                                | 50    |  |  |
| Not Reported  | 2     |  |  |

## End points

### End points reporting groups

|   |                          |
|---|--------------------------|
| Reporting group title   | Recifercept 1 mg/kg QW   |
| Reporting group description:<br>Children subjects were enrolled and randomised to receive recifercept 1 mg/kg once weekly (QW) for 12 months.   |                          |
| Reporting group title   | Recifercept 2 mg/kg BIW  |
| Reporting group description:<br>Children subjects were enrolled and randomised to receive recifercept 2 mg/kg twice weekly (BIW) for 12 months. |                          |
| Reporting group title   | Recifercept 1.5 mg/kg QD |
| Reporting group description:<br>Children subjects were enrolled and randomised to receive recifercept 1.5 mg/kg once daily (QD) for 12 months.  |                          |

### Primary: Number of Subjects With Treatment Emergent Treatment-Related Adverse Events (AEs)

|  |  |
|--|--|
| End point title  | Number of Subjects With Treatment Emergent Treatment-Related Adverse Events (AEs) <sup>[1]</sup> |
| End point description:<br>Treatment-related AE was any untoward medical occurrence attributed to study intervention in a subject who received study intervention. Serious adverse event (SAE) was an AE resulting in any of the following outcomes or deemed significant for any other reason: death; initial or prolonged inpatient hospitalization; life-threatening experience (immediate risk of dying); persistent or significant disability/incapacity; congenital anomaly. Treatment-emergent are events between first dose of study intervention and up to 365 days after last dose that were absent before treatment or that worsened relative to pretreatment state. Relatedness to Recifercept was assessed by the investigator (Yes/No). Subjects with multiple occurrences of an AE within a category were counted once within the category. Analysis population included all subjects who received at least one dose of recifercept. |  |
| End point type   | Primary  |
| End point timeframe:<br>The first dose up to 28 to 35 days after the last dose of study intervention (27 months).  |  |

Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: Analysis was planned only for the end point specified.

| End point values            | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|-----------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type          | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed | 20                     | 19                      | 18                       |  |
| Units: Subjects             |                        |                         |                          |  |
| Treatment-related AE        | 7                      | 15                      | 14                       |  |
| Treatment-related SAE       | 0                      | 0                       | 0                        |  |

### Statistical analyses

No statistical analyses for this end point



**Primary: Increase in Height Growth Above Expected in Reference Population**

|                 |  |
|-----------------|--|
| End point title | Increase in Height Growth Above Expected in Reference Population |
|-----------------|--|

End point description:

Height growth was defined as the ratio of observed change from baseline in standing height to the expected change from baseline in the reference population. Analysis population included all subjects (aged 2-10 years) who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Month 3, Month 6, Month 9, and Month 12

| End point values                     | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|--------------------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type                   | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed          | 18                     | 18                      | 18                       |  |
| Units: Ratio                         |                        |                         |                          |  |
| arithmetic mean (standard deviation) |                        |                         |                          |  |
| Month 3 (n=15,17,17)                 | 1.1 ( $\pm$ 0.49)      | 71.4 ( $\pm$ 290.85)    | 130.0 ( $\pm$ 533.42)    |  |
| Month 6 (n=16,16,15)                 | 0.9 ( $\pm$ 0.42)      | 1.1 ( $\pm$ 0.44)       | 1.0 ( $\pm$ 0.45)        |  |
| Month 9 (n=16,16,11)                 | 1.0 ( $\pm$ 0.36)      | 1.0 ( $\pm$ 0.24)       | 1.0 ( $\pm$ 0.28)        |  |
| Month 12 (n=7,9,2)                   | 0.9 ( $\pm$ 0.30)      | 1.1 ( $\pm$ 0.22)       | 0.8 ( $\pm$ 0.04)        |  |

**Statistical analyses**

|                                   |  |
|-----------------------------------|--|
| <b>Statistical analysis title</b> | Least-Square (LS) Mean Difference at Month 3 |
|-----------------------------------|--|

Statistical analysis description:

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 1 mg/kg QW v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                    |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                               |
| Point estimate                          | 0.2  |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -0.2   |
| upper limit                             | 0.6  |

|                                   |                               |
|-----------------------------------|-------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 3 |
|-----------------------------------|-------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 2 mg/kg BIW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                      |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                                 |
| Point estimate                          | -0.3   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -0.7   |
| upper limit                             | 0.1  |

|                                   |                               |
|-----------------------------------|-------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 6 |
|-----------------------------------|-------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 1 mg/kg QW v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                    |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                               |
| Point estimate                          | -0.1   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -0.4   |
| upper limit                             | 0.1  |

|                                   |                               |
|-----------------------------------|-------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 6 |
|-----------------------------------|-------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups.

|   |   |
|---|---|
| Comparison groups                       | Recifercept 1 mg/kg QW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis | 36  |
| Analysis specification                  | Pre-specified                                     |
| Analysis type                           | other   |
| Parameter estimate                      | LS mean difference                                |
| Point estimate                          | -0.1  |
| Confidence interval                     |   |
| level                                   | 95 %  |
| sides                                   | 2-sided   |
| lower limit                             | -0.4  |
| upper limit                             | 0.2   |

|   |   |
|---|---|
| <b>Statistical analysis title</b>   | LS Mean Difference at Month 3                     |
| Statistical analysis description:<br>The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups. |   |
| Comparison groups   | Recifercept 1 mg/kg QW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis   | 36  |
| Analysis specification  | Pre-specified                                     |
| Analysis type   | other   |
| Parameter estimate  | LS mean difference                                |
| Point estimate  | 0.5   |
| Confidence interval   |   |
| level   | 95 %  |
| sides   | 2-sided   |
| lower limit   | 0.1   |
| upper limit   | 0.9   |

|  |  |
|--|--|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 6                      |
| Statistical analysis description:<br>The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups. |  |
| Comparison groups  | Recifercept 2 mg/kg BIW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis  | 36   |
| Analysis specification   | Pre-specified                                      |
| Analysis type  | other  |
| Parameter estimate   | LS mean difference                                 |
| Point estimate   | -0.1   |
| Confidence interval  |  |
| level  | 95 %   |
| sides  | 2-sided  |
| lower limit  | -0.4   |
| upper limit  | 0.2  |

|  |  |
|--|--|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 9                      |
| Statistical analysis description:<br>The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups. |  |
| Comparison groups  | Recifercept 1.5 mg/kg QD v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis  | 36   |
| Analysis specification   | Pre-specified                                      |
| Analysis type  | other  |
| Parameter estimate   | LS mean difference                                 |
| Point estimate   | 0  |
| Confidence interval  |  |
| level  | 95 %   |
| sides  | 2-sided  |
| lower limit  | -0.2   |
| upper limit  | 0.2  |

|   |   |
|---|---|
| <b>Statistical analysis title</b>   | LS Mean Difference at Month 9                     |
| Statistical analysis description:<br>The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups. |   |
| Comparison groups   | Recifercept 1 mg/kg QW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis   | 36  |
| Analysis specification  | Pre-specified                                     |
| Analysis type   | other   |
| Parameter estimate  | LS mean difference                                |
| Point estimate  | 0   |
| Confidence interval   |   |
| level   | 95 %  |
| sides   | 2-sided   |
| lower limit   | -0.2  |
| upper limit   | 0.2   |

|  |  |
|--|--|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 9                    |
| Statistical analysis description:<br>The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups. |  |
| Comparison groups  | Recifercept 2 mg/kg BIW v Recifercept 1 mg/kg QW |
| Number of subjects included in analysis  | 36   |
| Analysis specification   | Pre-specified                                    |
| Analysis type  | other  |
| Parameter estimate   | LS mean difference                               |
| Point estimate   | 0  |
| Confidence interval  |  |
| level  | 95 %   |
| sides  | 2-sided  |
| lower limit  | -0.2   |
| upper limit  | 0.2  |

|  |  |
|--|--|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 12                   |
| Statistical analysis description:<br>The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups. |  |
| Comparison groups  | Recifercept 1 mg/kg QW v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis  | 36   |
| Analysis specification   | Pre-specified                                    |
| Analysis type  | other  |
| Parameter estimate   | LS mean difference                               |
| Point estimate   | 0  |

|                     |         |
|---------------------|---------|
| Confidence interval |         |
| level               | 95 %    |
| sides               | 2-sided |
| lower limit         | -0.2    |
| upper limit         | 0.2     |

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 12 |
|-----------------------------------|--------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups.

|   |   |
|---|---|
| Comparison groups                       | Recifercept 1.5 mg/kg QD v Recifercept 1 mg/kg QW |
| Number of subjects included in analysis | 36  |
| Analysis specification                  | Pre-specified                                     |
| Analysis type                           | other   |
| Parameter estimate                      | LS mean difference                                |
| Point estimate                          | 0.1   |
| Confidence interval                     |   |
| level                                   | 95 %  |
| sides                                   | 2-sided   |
| lower limit                             | -0.2  |
| upper limit                             | 0.3   |

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 12 |
|-----------------------------------|--------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 1.5 mg/kg QD v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                      |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                                 |
| Point estimate                          | -0.1   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -0.4   |
| upper limit                             | 0.1  |

## Secondary: Change From Baseline in Pulse Rate at Month 3, Month 6, Month 9, and Month 12

|                 |   |
|-----------------|---|
| End point title | Change From Baseline in Pulse Rate at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|---|

End point description:

Pulse rate measurements were preceded by at least 5 minutes of rest for the subject in a quiet setting without distractions (eg, television, cell phones) where possible (with consideration of the age of the

child). Pulse rate was summarized by treatment in accordance with the sponsor reporting standards. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

|   |           |
|---|-----------|
| End point type                                    | Secondary |
| End point timeframe:                              |           |
| Baseline, Month 3, Month 6, Month 9, and Month 12 |           |

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: beats per minute (BPM)        |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=20,19,18)                | 96.40 (±<br>16.583)       | 97.58 (±<br>21.823)        | 94.50 (±<br>15.497)         |  |
| Change at Month 3 (n=17,19,17)       | -1.47 (±<br>13.639)       | -6.05 (±<br>20.871)        | -2.94 (±<br>16.913)         |  |
| Change at Month 6 (n=17,18,15)       | -2.65 (±<br>8.760)        | -1.44 (±<br>15.659)        | -2.20 (±<br>15.880)         |  |
| Change at Month 9 (n=17,17,10)       | -4.35 (±<br>16.035)       | -2.18 (±<br>17.746)        | -15.20 (±<br>14.853)        |  |
| Change at Month 12 (n=6,8,2)         | 1.17 (±<br>15.484)        | -0.75 (±<br>34.012)        | -11.50 (±<br>37.477)        |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Respiratory Rate at Month 3, Month 6, Month 9, and Month 12

|                 |   |
|-----------------|---|
| End point title | Change From Baseline in Respiratory Rate at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|---|

End point description:

Respiratory rate was obtained with subject in the seated position, after having sat calmly for at least 5 minutes. Respiratory rate was summarized by treatment in accordance with the sponsor reporting standards. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

|   |           |
|---|-----------|
| End point type                                    | Secondary |
| End point timeframe:                              |           |
| Baseline, Month 3, Month 6, Month 9, and Month 12 |           |

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: breaths/min                   |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |

|                                |                 |                 |                 |  |
|--------------------------------|-----------------|-----------------|-----------------|--|
| Baseline (n=20,19,18)          | 23.15 (± 4.603) | 24.37 (± 3.905) | 23.39 (± 5.863) |  |
| Change at Month 3 (n=17,19,17) | 0.47 (± 5.691)  | -1.00 (± 2.809) | -1.53 (± 4.939) |  |
| Change at Month 6 (n=17,18,15) | -1.12 (± 3.516) | -0.94 (± 4.221) | 0.53 (± 4.502)  |  |
| Change at Month 9 (n=17,17,10) | -1.06 (± 3.473) | -0.94 (± 4.507) | -1.30 (± 6.945) |  |
| Change at Month 12 (n=7,8,2)   | 2.00 (± 5.132)  | -3.75 (± 4.979) | 2.00 (± 15.556) |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Blood Pressure at Month 3, Month 6, Month 9, and Month 12

|                 |   |
|-----------------|---|
| End point title | Change From Baseline in Blood Pressure at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|---|

End point description:

Blood pressure measurements were preceded by at least 5 minutes of rest for the subject in a quiet setting without distractions (eg, television, cell phones) where possible (with consideration of the age of the child). Supine systolic blood pressure (SBP) and diastolic blood pressure (DBP) were summarized by treatment in accordance with the sponsor reporting standards. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline, Month 3, Month 6, Month 9, and Month 12

| End point values                            | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|---|------------------------|-------------------------|--------------------------|--|
| Subject group type                          | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed                 | 20                     | 19                      | 18                       |  |
| Units: millimeters of mercury (mmHg)        |                        |                         |                          |  |
| arithmetic mean (standard deviation)        |                        |                         |                          |  |
| Baseline (Supine DBP) (n=20,19,18)          | 66.55 (± 9.870)        | 67.05 (± 9.897)         | 62.11 (± 13.244)         |  |
| Change at Month 3 (Supine DBP) (n=17,19,17) | -0.76 (± 12.179)       | -4.47 (± 8.618)         | -0.29 (± 12.849)         |  |
| Change at Month 6 (Supine DBP) (n=17,18,15) | -3.65 (± 14.845)       | -0.83 (± 10.837)        | 5.27 (± 12.920)          |  |
| Change at Month 9 (Supine DBP) (n=17,16,9)  | -3.41 (± 12.846)       | -2.50 (± 11.408)        | -2.44 (± 13.492)         |  |
| Change at Month 12 (Supine DBP) (n=7,8,2)   | -3.14 (± 16.385)       | -1.13 (± 13.953)        | -4.50 (± 21.920)         |  |
| Baseline (Supine SBP) (n=20,19,18)          | 105.70 (± 10.732)      | 118.37 (± 22.056)       | 106.28 (± 14.199)        |  |
| Change at Month 3 (Supine SBP) (n=17,19,17) | 10.47 (± 14.261)       | -5.68 (± 21.445)        | 4.82 (± 15.134)          |  |
| Change at Month 6 (Supine SBP) (n=17,18,15) | 1.88 (± 21.863)        | 3.94 (± 17.424)         | 5.73 (± 14.587)          |  |

|   |                    |                      |                    |  |
|---|--------------------|----------------------|--------------------|--|
| Change at Month 9 (Supine SBP)<br>(n=17,16,9) | 2.59 (±<br>15.732) | -2.94 (±<br>16.364)  | 2.33 (±<br>19.371) |  |
| Change at Month 12 (Supine SBP)<br>(n=7,8,2)  | 3.57 (±<br>27.700) | -11.75 (±<br>31.865) | -6.50 (±<br>4.950) |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Temperature at Month 3, Month 6, Month 9, and Month 12

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Temperature at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|--|

End point description:

Temperature was obtained with subject in the seated position, after having sat calmly for at least 5 minutes. Temperature measurements were summarized by treatment in accordance with the sponsor reporting standards. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline, Month 3, Month 6, Month 9, and Month 12

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: Degree Celsius (°C)           |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=20,19,18)                | 36.57 (±<br>0.441)        | 36.43 (±<br>0.519)         | 36.58 (±<br>0.466)          |  |
| Change at Month 3 (n=17,19,17)       | -0.06 (±<br>0.362)        | -0.04 (±<br>0.297)         | 0.11 (± 0.493)              |  |
| Change at Month 6 (n=17,18,15)       | -0.08 (±<br>0.493)        | -0.02 (±<br>0.298)         | -0.03 (±<br>0.417)          |  |
| Change at Month 9 (n=17,17,10)       | -0.16 (±<br>0.614)        | -0.12 (±<br>0.437)         | -0.20 (±<br>0.503)          |  |
| Change at Month 12 (n=7,8,2)         | -0.21 (±<br>0.313)        | -0.14 (±<br>0.316)         | 0.30 (± 0.141)              |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Number of Subjects With Abnormal Physical Examination Findings at Month 3, Month 6, Month 9, and Month 12

|                 |   |
|-----------------|---|
| End point title | Number of Subjects With Abnormal Physical Examination Findings at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|---|



End point description:

A physical examination included, at a minimum, assessments of the cardiovascular, respiratory, gastrointestinal systems and skin. Physical examination assessments were summarized by treatment in accordance with the sponsor reporting standards. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Month 3, Month 6, Month 9, and Month 12

| End point values                                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed                          | 20                        | 19                         | 18                          |  |
| Units: Subjects                                      |                           |                            |                             |  |
| Abnormal Cardiovascular at Month 3<br>(n=17,19,17)   | 0                         | 0                          | 0                           |  |
| Abnormal Cardiovascular at Month 6<br>(n=17,19,15)   | 0                         | 0                          | 0                           |  |
| Abnormal Cardiovascular at Month 9<br>(n=16,17,9)    | 0                         | 0                          | 0                           |  |
| Abnormal Cardiovascular at Month 12<br>(n=16,16,3)   | 0                         | 0                          | 0                           |  |
| Abnormal Gastrointestinal at Month 3<br>(n=17,19,17) | 0                         | 0                          | 0                           |  |
| Abnormal Gastrointestinal at Month 6<br>(n=17,19,15) | 0                         | 1                          | 0                           |  |
| Abnormal Gastrointestinal at Month 9<br>(n=16,17,9)  | 0                         | 2                          | 0                           |  |
| Abnormal Gastrointestinal at Month 12<br>(n=16,16,3) | 0                         | 0                          | 0                           |  |
| Abnormal Lungs at Month 3<br>(n=17,19,17)            | 0                         | 0                          | 0                           |  |
| Abnormal Lungs at Month 6<br>(n=17,19,15)            | 0                         | 2                          | 0                           |  |
| Abnormal Lungs at Month 9 (n=16,17,9)                | 0                         | 0                          | 0                           |  |
| Abnormal Lungs at Month 12<br>(n=16,16,3)            | 1                         | 0                          | 0                           |  |
| Abnormal Skin at Month 3 (n=17,19,17)                | 2                         | 3                          | 1                           |  |
| Abnormal Skin at Month 6 (n=17,19,15)                | 1                         | 4                          | 2                           |  |
| Abnormal Skin at Month 9 (n=16,17,9)                 | 3                         | 3                          | 2                           |  |
| Abnormal Skin at Month 12 (n=16,16,3)                | 2                         | 3                          | 1                           |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Number of Subjects With Laboratory Abnormalities (Without Regard to Baseline Abnormality)

|                 |   |
|-----------------|---|
| End point title | Number of Subjects With Laboratory Abnormalities (Without Regard to Baseline Abnormality) |
|-----------------|---|

End point description:

Laboratory parameters included: hematology (corpuscular volume, corpuscular hemoglobin, corpuscular

hemoglobin concentration, platelet, leukocytes, lymphocytes, neutrophils, eosinophils, and monocytes), and chemistry (bilirubin, alkaline phosphatase, albumin, urea nitrogen, urate, potassium, phosphate, bicarbonate). Clinical significance of laboratory parameters was determined at the investigator's discretion. Analysis population included all subjects who received at least one dose of recifercept.

|                      |           |
|----------------------|-----------|
| End point type       | Secondary |
| End point timeframe: |           |
| Baseline to Month 12 |           |

| End point values                                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed                          | 20                        | 19                         | 18                          |  |
| Units: Subjects                                      |                           |                            |                             |  |
| Mean Corpuscular Volume<0.9xLLN                      | 0                         | 1                          | 2                           |  |
| Mean Corpuscular Volume>1.1xULN                      | 1                         | 0                          | 0                           |  |
| Mean Corpuscular Hemoglobin <0.9xLLN                 | 0                         | 1                          | 2                           |  |
| Mean Corpuscular Hemoglobin<br>Concentration<0.9xLLN | 0                         | 1                          | 1                           |  |
| Platelets>1.75xULN                                   | 0                         | 0                          | 1                           |  |
| Leukocytes<0.6xLLN                                   | 1                         | 0                          | 0                           |  |
| Lymphocytes<0.8xLLN                                  | 5                         | 9                          | 4                           |  |
| Neutrophils<0.8xLLN                                  | 1                         | 0                          | 0                           |  |
| Neutrophils>1.2xULN                                  | 1                         | 0                          | 1                           |  |
| Eosinophils>1.2xULN                                  | 1                         | 4                          | 3                           |  |
| Monocytes >1.2xULN                                   | 4                         | 1                          | 1                           |  |
| Bilirubin>1.5xULN                                    | 0                         | 1                          | 0                           |  |
| Alkaline Phosphatase>3.0xULN                         | 1                         | 0                          | 0                           |  |
| Albumin >1.2xULN                                     | 2                         | 3                          | 1                           |  |
| Urea Nitrogen>1.3xULN                                | 2                         | 5                          | 0                           |  |
| Urate >1.2xULN                                       | 2                         | 1                          | 0                           |  |
| Potassium>1.1x ULN                                   | 2                         | 4                          | 4                           |  |
| Phosphate<0.8x LLN                                   | 0                         | 0                          | 1                           |  |
| Bicarbonate<0.9x LLN                                 | 2                         | 2                          | 4                           |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Pre-Dose Serum Concentration (Ctough) of Recifercept

|   |  |
|---|--|
| End point title   | Pre-Dose Serum Concentration (Ctough) of Recifercept |
| End point description:  |  |
| Ctough was defined as pre-dose serum concentration during dosing and observed directly from data. Analysis population included all subjects who received at least one dose of recifercept and had at least one evaluable concentration. Here, "n" signifies subjects evaluable at specific time points. |  |
| End point type  | Secondary  |
| End point timeframe:  |  |
| Pre-dose on Day(s) 4, 8, 15, 29, 61, 91, 183, 273, 365  |  |

| End point values                        | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|---|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                      | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed             | 20                        | 19                         | 18                          |  |
| Units: nanograms per millilitre (ng/mL) |                           |                            |                             |  |
| arithmetic mean (standard deviation)    |                           |                            |                             |  |
| Day 4 (n=18,19,16)                      | 215.8 (±<br>63.28)        | 517.3 (±<br>174.18)        | 1785.2 (±<br>651.92)        |  |
| Day 8 (n=19,19,18)                      | 95.3 (± 23.35)            | 614.6 (±<br>228.35)        | 2682.6 (±<br>912.79)        |  |
| Day 15 (n=18,19,17)                     | 137.1 (±<br>39.26)        | 868.1 (±<br>341.98)        | 3199.4 (±<br>1311.65)       |  |
| Day 29 (n=17,19,16)                     | 154.3 (±<br>46.91)        | 940.8 (±<br>415.45)        | 3804.4 (±<br>1573.91)       |  |
| Day 61 (n=17,19,17)                     | 183.8 (±<br>75.76)        | 974.8 (±<br>604.47)        | 3431.4 (±<br>1477.48)       |  |
| Day 91 (n=17,19,15)                     | 225.5 (±<br>90.91)        | 944.8 (±<br>466.38)        | 3702.3 (±<br>2074.64)       |  |
| Day 183 (n=17,19,15)                    | 370.9 (±<br>424.80)       | 1078.9 (±<br>563.83)       | 5185.5 (±<br>3190.30)       |  |
| Day 273 (n=15,16,9)                     | 278.2 (±<br>140.41)       | 1340.8 (±<br>695.10)       | 3879.6 (±<br>3027.59)       |  |
| Day 365 (n=15,16,3)                     | 249.5 (±<br>174.54)       | 1320.4 (±<br>662.18)       | 6766.7 (±<br>3145.18)       |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Number of Subjects With Positive Anti-Drug Antibodies (ADA) and Neutralizing Antibody (NAb) of Recifercept

|                 |  |
|-----------------|--|
| End point title | Number of Subjects With Positive Anti-Drug Antibodies (ADA) and Neutralizing Antibody (NAb) of Recifercept |
|-----------------|--|

End point description:

The immunogenicity was measured by presence of ADA and NAb in subjects treated with recifercept and summarized by dose regimen. Analysis population included all subjects who received at least one dose of recifercept.

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

End point timeframe:

The first dose up to 28 to 35 days after the last dose of study intervention (27 months).

| End point values                  | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|-----------------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type                | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed       | 20                     | 19                      | 18                       |  |
| Units: Subjects                   |                        |                         |                          |  |
| Overall incidence of positive ADA | 16                     | 18                      | 17                       |  |
| Overall incidence of positive NAb | 13                     | 16                      | 16                       |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Sitting/Standing Height Ratio at Month 3, Month 6, Month 9, and Month 12

|                        |  |
|------------------------|--|
| End point title        | Change From Baseline in Sitting/Standing Height Ratio at Month 3, Month 6, Month 9, and Month 12   |
| End point description: | Sitting/standing height ratio was the ratio of sitting height to standing height. Analysis population included all subjects (aged 2-10 years) who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points. |
| End point type         | Secondary  |
| End point timeframe:   | Baseline, Month 3, Month 6, Month 9, and Month 12  |

| End point values                     | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|--------------------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type                   | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed          | 18                     | 18                      | 18                       |  |
| Units: Ratio                         |                        |                         |                          |  |
| arithmetic mean (standard deviation) |                        |                         |                          |  |
| Baseline (n=18,17,18)                | 0.7 (± 0.02)           | 0.7 (± 0.02)            | 0.7 (± 0.02)             |  |
| Change at Month 3 (n=15,17,17)       | 0.0 (± 0.01)           | -0.0 (± 0.01)           | 0.0 (± 0.01)             |  |
| Change at Month 6 (n=16,16,15)       | 0.0 (± 0.01)           | -0.0 (± 0.01)           | -0.0 (± 0.01)            |  |
| Change at Month 9 (n=16,15,11)       | -0.0 (± 0.01)          | -0.0 (± 0.01)           | -0.0 (± 0.01)            |  |
| Change at Month 12 (n=7,9,2)         | -0.0 (± 0.01)          | -0.0 (± 0.01)           | 0.0 (± 0.00)             |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Arm Span to Standing Height/Length Difference at Month 3, Month 6, Month 9, and Month 12

|                        |  |
|------------------------|--|
| End point title        | Change From Baseline in Arm Span to Standing Height/Length Difference at Month 3, Month 6, Month 9, and Month 12 |
| End point description: | Arm span to standing height/length difference was the difference between arm span and standing height            |

(for participants  $\geq 2$  years of age). Analysis population included all subjects (aged 2-10 years) who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

|   |           |
|---|-----------|
| End point type                                    | Secondary |
| End point timeframe:                              |           |
| Baseline, Month 3, Month 6, Month 9, and Month 12 |           |

| End point values                     | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|--------------------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type                   | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed          | 18                     | 18                      | 18                       |  |
| Units: cm                            |                        |                         |                          |  |
| arithmetic mean (standard deviation) |                        |                         |                          |  |
| Baseline (n=18,17,18)                | 9.5 ( $\pm$ 3.93)      | 8.2 ( $\pm$ 3.24)       | 9.1 ( $\pm$ 3.27)        |  |
| Change at Month 3 (n=15,17,17)       | 0.5 ( $\pm$ 0.96)      | 0.0 ( $\pm$ 0.88)       | -0.5 ( $\pm$ 1.62)       |  |
| Change at Month 6 (n=16,16,15)       | 0.2 ( $\pm$ 1.86)      | 0.7 ( $\pm$ 1.03)       | -0.5 ( $\pm$ 1.93)       |  |
| Change at Month 9 (n=16,16,11)       | 0.6 ( $\pm$ 0.89)      | 0.7 ( $\pm$ 1.39)       | 0.1 ( $\pm$ 0.78)        |  |
| Change at Month 12 (n=7,9,2)         | 0.5 ( $\pm$ 1.22)      | 1.1 ( $\pm$ 1.75)       | 0.2 ( $\pm$ 0.71)        |  |

## Statistical analyses

|   |  |
|---|--|
| <b>Statistical analysis title</b>   | LS Mean Difference at Month 3                    |
| Statistical analysis description:   |  |
| The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups. |  |
| Comparison groups   | Recifercept 1 mg/kg QW v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis   | 36   |
| Analysis specification  | Pre-specified                                    |
| Analysis type   | other  |
| Parameter estimate  | LS mean difference                               |
| Point estimate  | 0.3  |
| Confidence interval   |  |
| level   | 95 %   |
| sides   | 2-sided  |
| lower limit   | -0.5   |
| upper limit   | 1.2  |

|  |   |
|--|---|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 3                     |
| Statistical analysis description:  |   |
| The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups. |   |
| Comparison groups  | Recifercept 1 mg/kg QW v Recifercept 1.5 mg/kg QD |

|   |                    |
|---|--------------------|
| Number of subjects included in analysis | 36                 |
| Analysis specification                  | Pre-specified      |
| Analysis type                           | other              |
| Parameter estimate                      | LS mean difference |
| Point estimate                          | 1                  |
| Confidence interval                     |                    |
| level                                   | 95 %               |
| sides                                   | 2-sided            |
| lower limit                             | 0.2                |
| upper limit                             | 1.8                |

|                                   |                               |
|-----------------------------------|-------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 3 |
|-----------------------------------|-------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 2 mg/kg BIW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                      |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                                 |
| Point estimate                          | -0.7   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -1.5   |
| upper limit                             | 0.1  |

|                                   |                               |
|-----------------------------------|-------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 6 |
|-----------------------------------|-------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 1 mg/kg QW v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                    |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                               |
| Point estimate                          | -0.5   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -1.6   |
| upper limit                             | 0.6  |

|                                   |                               |
|-----------------------------------|-------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 6 |
|-----------------------------------|-------------------------------|

---

**Statistical analysis description:**

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups.

|   |   |
|---|---|
| Comparison groups                       | Recifercept 1 mg/kg QW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis | 36  |
| Analysis specification                  | Pre-specified                                     |
| Analysis type                           | other   |
| Parameter estimate                      | LS mean difference                                |
| Point estimate                          | 0.7   |
| Confidence interval                     |   |
| level                                   | 95 %  |
| sides                                   | 2-sided   |
| lower limit                             | -0.4  |
| upper limit                             | 1.9   |

---

**Statistical analysis title**

LS Mean Difference at Month 6

---

**Statistical analysis description:**

The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 2 mg/kg BIW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                      |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                                 |
| Point estimate                          | -1.2   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -2.3   |
| upper limit                             | -0.1   |

---

**Statistical analysis title**

LS Mean Difference at Month 9

---

**Statistical analysis description:**

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 2 mg/kg BIW v Recifercept 1 mg/kg QW |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                    |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                               |
| Point estimate                          | 0  |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -0.8   |
| upper limit                             | 0.7  |

|   |   |
|---|---|
| <b>Statistical analysis title</b>   | LS Mean Difference at Month 9                     |
| Statistical analysis description:<br>The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups. |   |
| Comparison groups   | Recifercept 1 mg/kg QW v Recifercept 1.5 mg/kg QD |
| Number of subjects included in analysis   | 36  |
| Analysis specification  | Pre-specified                                     |
| Analysis type   | other   |
| Parameter estimate  | LS mean difference                                |
| Point estimate  | 0.6   |
| Confidence interval   |   |
| level   | 95 %  |
| sides   | 2-sided   |
| lower limit   | -0.2  |
| upper limit   | 1.5   |

|  |  |
|--|--|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 9                      |
| Statistical analysis description:<br>The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups. |  |
| Comparison groups  | Recifercept 1.5 mg/kg QD v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis  | 36   |
| Analysis specification   | Pre-specified                                      |
| Analysis type  | other  |
| Parameter estimate   | LS mean difference                                 |
| Point estimate   | -0.7   |
| Confidence interval  |  |
| level  | 95 %   |
| sides  | 2-sided  |
| lower limit  | -1.5   |
| upper limit  | 0.2  |

|  |  |
|--|--|
| <b>Statistical analysis title</b>  | LS Mean Difference at Month 12                   |
| Statistical analysis description:<br>The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 2 mg/kg BIW treatment groups. |  |
| Comparison groups  | Recifercept 1 mg/kg QW v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis  | 36   |
| Analysis specification   | Pre-specified                                    |
| Analysis type  | other  |
| Parameter estimate   | LS mean difference                               |
| Point estimate   | 0.1  |



|                     |         |
|---------------------|---------|
| Confidence interval |         |
| level               | 95 %    |
| sides               | 2-sided |
| lower limit         | -1.3    |
| upper limit         | 1.5     |

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 12 |
|-----------------------------------|--------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 1 mg/kg QW and Recifercept 1.5 mg/kg QD treatment groups.

|   |   |
|---|---|
| Comparison groups                       | Recifercept 1.5 mg/kg QD v Recifercept 1 mg/kg QW |
| Number of subjects included in analysis | 36  |
| Analysis specification                  | Pre-specified                                     |
| Analysis type                           | other   |
| Parameter estimate                      | LS mean difference                                |
| Point estimate                          | 0.7   |
| Confidence interval                     |   |
| level                                   | 95 %  |
| sides                                   | 2-sided   |
| lower limit                             | -1.4  |
| upper limit                             | 2.8   |

|                                   |                                |
|-----------------------------------|--------------------------------|
| <b>Statistical analysis title</b> | LS Mean Difference at Month 12 |
|-----------------------------------|--------------------------------|

Statistical analysis description:

The LS mean difference between Recifercept 2 mg/kg BIW and Recifercept 1.5 mg/kg QD treatment groups.

|   |  |
|---|--|
| Comparison groups                       | Recifercept 1.5 mg/kg QD v Recifercept 2 mg/kg BIW |
| Number of subjects included in analysis | 36   |
| Analysis specification                  | Pre-specified                                      |
| Analysis type                           | other  |
| Parameter estimate                      | LS mean difference                                 |
| Point estimate                          | -0.6   |
| Confidence interval                     |  |
| level                                   | 95 %   |
| sides                                   | 2-sided  |
| lower limit                             | -2.6   |
| upper limit                             | 1.4  |

## **Secondary: Change From Baseline in Knee Height : Lower Segment Ratio at Month 3, Month 6, Month 9, and Month 12**

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Knee Height : Lower Segment Ratio at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|--|

End point description:

Knee height : lower segment ratio was the ratio of knee to heel length to the difference between standing height and sitting height. Analysis population included all subjects who received at least one

dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

|   |           |
|---|-----------|
| End point type                                    | Secondary |
| End point timeframe:                              |           |
| Baseline, Month 3, Month 6, Month 9, and Month 12 |           |

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: Ratio                         |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=18,16,18)                | 0.81 (± 0.052)            | 0.84 (± 0.058)             | 0.80 (± 0.035)              |  |
| Change at Month 3 (n=15,16,17)       | -0.00 (± 0.020)           | -0.01 (± 0.052)            | 0.02 (± 0.035)              |  |
| Change at Month 6 (n=16,15,14)       | -0.00 (± 0.028)           | -0.02 (± 0.062)            | 0.00 (± 0.026)              |  |
| Change at Month 9 (n=16,14,11)       | -0.00 (± 0.027)           | -0.02 (± 0.065)            | 0.01 (± 0.026)              |  |
| Change at Month 12 (n=7,8,2)         | 0.00 (± 0.028)            | -0.02 (± 0.081)            | 0.02 (± 0.023)              |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Occipito-Frontal Circumference at Month 3, Month 6, Month 9, and Month 12

|  |   |
|--|---|
| End point title  | Change From Baseline in Occipito-Frontal Circumference at Month 3, Month 6, Month 9, and Month 12 |
| End point description:   |   |
| Occipito-frontal circumference data were summarized for each treatment arm. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points. |   |
| End point type   | Secondary   |
| End point timeframe:   |   |
| Baseline, Month 3, Month 6, Month 9, and Month 12  |   |

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: cm                            |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=20,18,16)                | 54.56 (± 2.877)           | 55.00 (± 2.179)            | 56.13 (± 1.949)             |  |
| Change at Month 3 (n=16,18,15)       | 0.19 (± 0.345)            | 0.19 (± 0.382)             | 0.30 (± 0.515)              |  |
| Change at Month 6 (n=17,17,15)       | 0.33 (± 0.396)            | 0.35 (± 0.506)             | 0.30 (± 0.437)              |  |

|                                |                |                |                |  |
|--------------------------------|----------------|----------------|----------------|--|
| Change at Month 9 (n=17,17,11) | 0.46 (± 0.619) | 0.35 (± 0.597) | 0.54 (± 0.588) |  |
| Change at Month 12 (n=7,9,2)   | 0.87 (± 1.106) | 0.53 (± 0.557) | 0.00 (± 0.424) |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Occipito-Frontal to Occipito-Mid-Face Ratio at Month 3, Month 6, Month 9, and Month 12

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Occipito-Frontal to Occipito-Mid-Face Ratio at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|--|

End point description:

Occipito-Frontal to Occipito-Mid-Face Ratio were summarized for each treatment arm. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline, Month 3, Month 6, Month 9, and Month 12

| End point values                     | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|--------------------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type                   | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed          | 20                     | 19                      | 18                       |  |
| Units: Ratio                         |                        |                         |                          |  |
| arithmetic mean (standard deviation) |                        |                         |                          |  |
| Baseline (n=20,18,18)                | 1.00 (± 0.053)         | 1.00 (± 0.055)          | 1.00 (± 0.058)           |  |
| Change at Month 3 (n=16,18,17)       | 0.01 (± 0.024)         | 0.00 (± 0.039)          | -0.01 (± 0.034)          |  |
| Change at Month 6 (n=17,17,15)       | -0.01 (± 0.056)        | -0.00 (± 0.027)         | -0.02 (± 0.039)          |  |
| Change at Month 9 (n=17,17,11)       | -0.01 (± 0.042)        | -0.01 (± 0.034)         | -0.02 (± 0.031)          |  |
| Change at Month 12 (n=7,9,2)         | -0.04 (± 0.034)        | -0.01 (± 0.028)         | 0.00 (± 0.018)           |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Height Standard Deviation Score (Z-Score) at Month 3, Month 6, Month 9, and Month 12

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Height Standard Deviation Score (Z-Score) at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|--|

End point description:

Height Standard Deviation Score (SDS) (z-score) was calculated as the difference between mean observed standing height at each visit and mean value of reference population divided by standard deviation of reference population. Analysis population included all subjects (aged 2-10 years) who

received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

|   |           |
|---|-----------|
| End point type                                    | Secondary |
| End point timeframe:                              |           |
| Baseline, Month 3, Month 6, Month 9, and Month 12 |           |

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 18                        | 18                         | 18                          |  |
| Units: Units on scale                |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=18,17,18)                | -0.2 (± 0.91)             | 0.1 (± 0.91)               | 0.2 (± 1.26)                |  |
| Change at Month 3 (n=15,17,17)       | 0.0 (± 0.13)              | -0.0 (± 0.17)              | -0.0 (± 0.26)               |  |
| Change at Month 6 (n=16,16,15)       | -0.0 (± 0.21)             | 0.0 (± 0.21)               | -0.0 (± 0.24)               |  |
| Change at Month 9 (n=16,16,11)       | 0.0 (± 0.26)              | -0.0 (± 0.21)              | 0.0 (± 0.20)                |  |
| Change at Month 12 (n=7,9,2)         | -0.0 (± 0.33)             | 0.1 (± 0.26)               | -0.2 (± 0.17)               |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Fixed Flexion Angles at Elbow at Month 3, Month 6, Month 9, and Month 12

|  |  |
|--|--|
| End point title  | Change From Baseline in Fixed Flexion Angles at Elbow at Month 3, Month 6, Month 9, and Month 12 |
| End point description:   |  |
| Fixed flexion angles at elbow data were presented for each treatment arm. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points. |  |
| End point type   | Secondary  |
| End point timeframe:   |  |
| Baseline, Month 3, Month 6, Month 9, and Month 12  |  |

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: degrees (°)                   |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=20,18,16)                | -11.33 (± 20.002)         | -18.31 (± 12.707)          | -6.45 (± 17.628)            |  |
| Change at Month 3 (n=16,18,14)       | 2.23 (± 8.976)            | 4.29 (± 10.519)            | 1.09 (± 5.285)              |  |
| Change at Month 6 (n=16,17,14)       | -0.02 (± 16.407)          | 2.80 (± 6.842)             | 0.83 (± 5.742)              |  |

|                                |                  |                |                 |  |
|--------------------------------|------------------|----------------|-----------------|--|
| Change at Month 9 (n=17,17,11) | -0.03 (± 16.659) | 4.83 (± 7.658) | 0.77 (± 10.621) |  |
| Change at Month 12 (n=7,9,2)   | 2.78 (± 34.075)  | 1.00 (± 7.016) | -0.08 (± 0.825) |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Polysomnography Index Parameters at Month 12

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Polysomnography Index Parameters at Month 12 |
|-----------------|--|

End point description:

Polysomnography refers to a systematic process used to collect physiologic parameters during sleep. Polysomnography index parameters included apnea-hypopnea index (AHI) (obstructive and total), desaturation index (ie, number of desaturations per hour >3% from baseline). Analysis population included all subjects who received at least one dose of recifercept and with a documented current diagnosis of sleep disordered breathing at enrollment. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline and Month 12

| End point values                                  | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|---|------------------------|-------------------------|--------------------------|--|
| Subject group type                                | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed                       | 7                      | 4                       | 8                        |  |
| Units: Units on a scale                           |                        |                         |                          |  |
| arithmetic mean (standard deviation)              |                        |                         |                          |  |
| Baseline (AHI, obstructive) (n=7,4,8)             | 3.79 (± 4.720)         | 1.20 (± 1.080)          | 6.23 (± 6.881)           |  |
| Change at Month 12 (AHI, obstructive) (n=3,1,0)   | 0.31 (± 9.902)         | -1.90 (± 999999)        | 999999 (± 999999)        |  |
| Baseline (AHI, total) (n=7,4,8)                   | 6.34 (± 5.837)         | 2.25 (± 2.872)          | 16.07 (± 26.299)         |  |
| Change at Month 12 (AHI, total) (n=3,1,0)         | -1.03 (± 8.671)        | -2.90 (± 999999)        | 999999 (± 999999)        |  |
| Baseline (Desaturation Index) (n=7,4,8)           | 4.90 (± 8.601)         | 2.18 (± 2.502)          | 13.53 (± 21.364)         |  |
| Change at Month 12 (Desaturation Index) (n=3,1,0) | -4.61 (± 14.598)       | 0.20 (± 999999)         | 999999 (± 999999)        |  |

## Statistical analyses

No statistical analyses for this end point

## Secondary: Change From Baseline in Polysomnography Other Parameters at Month 12

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Polysomnography Other Parameters |
|-----------------|--|

## End point description:

Polysomnography refers to a systematic process used to collect physiologic parameters during sleep. Polysomnography other parameters included percentage time spent <90% oxygen saturation (SaO<sub>2</sub>), percentage time spent with end-tidal (ET) carbon dioxide (CO<sub>2</sub>) >50 mm Hg, and SaO<sub>2</sub> nadir. Analysis population included all subjects who received at least one dose of recifercept and with a documented diagnosis of sleep-disordered breathing at enrollment. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline and Month 12

| End point values   | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|--|------------------------|-------------------------|--------------------------|--|
| Subject group type   | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed                                  | 7                      | 4                       | 8                        |  |
| Units: percentage (%)  |                        |                         |                          |  |
| arithmetic mean (standard deviation)                         |                        |                         |                          |  |
| Baseline of <90% SaO <sub>2</sub> (n=6,4,8)                  | 16.43 (± 40.155)       | 24.79 (± 49.472)        | 0.72 (± 0.758)           |  |
| Change at Month 12 of <90% SaO <sub>2</sub> (n=2,1,0)        | -48.95 (± 69.933)      | -99.00 (± 999999)       | 999999 (± 999999)        |  |
| Baseline of ET CO <sub>2</sub> >50 mm Hg (n=4,4,8)           | 7.02 (± 14.030)        | 9.50 (± 19.000)         | 7.37 (± 17.355)          |  |
| Change at Month 12 of ET CO <sub>2</sub> >50 mm Hg (n=2,1,0) | -14.03 (± 19.841)      | -38.00 (± 999999)       | 999999 (± 999999)        |  |
| Baseline of SaO <sub>2</sub> nadir (n=7,4,8)                 | 92.29 (± 3.147)        | 94.25 (± 6.397)         | 91.06 (± 5.882)          |  |
| Change at Month 12 of SaO <sub>2</sub> nadir (n=3,1,0)       | -2.67 (± 7.095)        | 1.00 (± 999999)         | 999999 (± 999999)        |  |

## Statistical analyses

No statistical analyses for this end point

**Secondary: Change From Baseline in Body Mass Index (BMI) at Month 3, Month 6, Month 9, and Month 12**

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Body Mass Index (BMI) at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|--|

## End point description:

Body Mass Index (BMI) = Weight (kg)/[(Standing Height (m))<sup>2</sup>]. Standing height and weight were averaged over a visit before BMI was computed. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline, Month 3, Month 6, Month 9, and Month 12

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: kg/m <sup>2</sup>             |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=17,17,18)                | 19.83 (±<br>1.022)        | 20.18 (±<br>1.318)         | 21.57 (±<br>2.566)          |  |
| Change at Month 3 (n=15,17,17)       | 0.10 (± 0.376)            | -0.13 (±<br>0.400)         | -0.01 (±<br>0.635)          |  |
| Change at Month 6 (n=15,16,14)       | 0.25 (± 0.547)            | 0.04 (± 0.500)             | -0.21 (±<br>0.843)          |  |
| Change at Month 9 (n=15,15,11)       | 0.36 (± 0.565)            | 0.06 (± 0.593)             | 0.02 (± 0.996)              |  |
| Change at Month 12 (n=6,9,2)         | 0.12 (± 0.671)            | -0.28 (±<br>0.569)         | -0.50 (±<br>0.735)          |  |

### Statistical analyses

No statistical analyses for this end point

### Secondary: Change From Baseline in Waist : Chest Circumference Ratio at Month 9 and Month 12

|                 |   |
|-----------------|---|
| End point title | Change From Baseline in Waist : Chest Circumference Ratio at Month 9 and Month 12 |
|-----------------|---|

End point description:

Waist : Chest Ratio = Waist Circumference / Chest Circumference. Waist and chest circumference were averaged over a visit before waist : chest circumference ratio was computed. Analysis population included all subjects who received at least one dose of recifercept. Here, "n" signifies subjects evaluable at specific time points.

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

End point timeframe:

Baseline, Month 9, and Month 12

| End point values                     | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 20                        | 19                         | 18                          |  |
| Units: Ratio                         |                           |                            |                             |  |
| arithmetic mean (standard deviation) |                           |                            |                             |  |
| Baseline (n=19,17,16)                | 0.93 (± 0.048)            | 0.94 (± 0.051)             | 0.97 (± 0.052)              |  |
| Change at Month 9 (n=1,1,1)          | 0.07 (±<br>999999)        | 0.00 (±<br>999999)         | -0.01 (±<br>999999)         |  |
| Change at Month 12 (n=6,9,2)         | 0.05 (± 0.074)            | 0.00 (± 0.063)             | -0.01 (±<br>0.007)          |  |

### Statistical analyses

**Secondary: Change From Baseline in Quality of Life in Short Stature Youth (QoLISSY) Brief Total Score at Month 3, Month 6, Month 9, and Month 12**

|                 |   |
|-----------------|---|
| End point title | Change From Baseline in Quality of Life in Short Stature Youth (QoLISSY) Brief Total Score at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|---|

## End point description:

QoLISSY Brief measures health-related quality of life (HRQoL) in children 4-18 years old from the subject and parent perspectives. The 9 items on the QoLISSY Brief were selected from the full QoLISSY physical, social and emotional HRQoL dimensions. The QoLISSY Brief questions ask the subject or caregiver about their status currently. Intended for children or caregivers of children, the instrument uses a 5-point Likert Scale ranging from 'not at all/never' to 'extremely/always'. The QoLISSY Brief total score is the 0-100 transformed sum of the 9 item scores, with higher scores representing better quality of life. Analysis population included all subjects who received at least one dose of recifercept.

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

## End point timeframe:

Baseline, Month 3, Month 6, Month 9, and Month 12

| End point values                     | Recifercept 1 mg/kg QW | Recifercept 2 mg/kg BIW | Recifercept 1.5 mg/kg QD |  |
|--------------------------------------|------------------------|-------------------------|--------------------------|--|
| Subject group type                   | Reporting group        | Reporting group         | Reporting group          |  |
| Number of subjects analysed          | 0 <sup>[2]</sup>       | 0 <sup>[3]</sup>        | 0 <sup>[4]</sup>         |  |
| Units: Units on scale                |                        |                         |                          |  |
| arithmetic mean (standard deviation) | ()                     | ()                      | ()                       |  |

## Notes:

[2] - The results were not summarized due to the study early termination.

[3] - The results were not summarized due to the study early termination.

[4] - The results were not summarized due to the study early termination.

**Statistical analyses**

No statistical analyses for this end point

**Secondary: Change From Baseline in Childhood Health Assessment Questionnaire (CHAQ) Component and Index Scores at Month 3, Month 6, Month 9, and Month 12**

|                 |  |
|-----------------|--|
| End point title | Change From Baseline in Childhood Health Assessment Questionnaire (CHAQ) Component and Index Scores at Month 3, Month 6, Month 9, and Month 12 |
|-----------------|--|

## End point description:

CHAQ (adapted for achondroplasia) is a 36-item measure of health status and physical function, which includes 8 components and 2 scale (pain and well being). Both a disability and discomfort index can be calculated. The CHAQ (adapted for achondroplasia) has a recall period of "over the past week". A 5 point Likert Scale was utilized ranging from "without any difficulty" to "unable to do" and a "not applicable" option. Lower component and index scores indicate better health status/functioning. Analysis population included all subjects who received at least one dose of recifercept.

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

## End point timeframe:

Baseline, Month 3, Month 6, Month 9, and Month 12



| <b>End point values</b>              | Recifercept 1<br>mg/kg QW | Recifercept 2<br>mg/kg BIW | Recifercept 1.5<br>mg/kg QD |  |
|--------------------------------------|---------------------------|----------------------------|-----------------------------|--|
| Subject group type                   | Reporting group           | Reporting group            | Reporting group             |  |
| Number of subjects analysed          | 0 <sup>[5]</sup>          | 0 <sup>[6]</sup>           | 0 <sup>[7]</sup>            |  |
| Units: Units on scale                |                           |                            |                             |  |
| arithmetic mean (standard deviation) | ()                        | ()                         | ()                          |  |

Notes:

[5] - The results were not summarized due to the study early termination.

[6] - The results were not summarized due to the study early termination.

[7] - The results were not summarized due to the study early termination.

### Statistical analyses

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No statistical analyses for this end point

## Adverse events

### Adverse events information

Timeframe for reporting adverse events:

The first dose up to 28 to 35 days after the last dose of study intervention (27 months).

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

### Dictionary used

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

|                    |      |
|--------------------|------|
| Dictionary version | 26.0 |
|--------------------|------|

### Reporting groups

|                       |                        |
|-----------------------|------------------------|
| Reporting group title | Recifercept 1 mg/kg QW |
|-----------------------|------------------------|

Reporting group description: -

|                       |                          |
|-----------------------|--------------------------|
| Reporting group title | Recifercept 1.5 mg/kg QD |
|-----------------------|--------------------------|

Reporting group description: -

|                       |                         |
|-----------------------|-------------------------|
| Reporting group title | Recifercept 2 mg/kg BIW |
|-----------------------|-------------------------|

Reporting group description: -

| Serious adverse events                            | Recifercept 1 mg/kg QW | Recifercept 1.5 mg/kg QD | Recifercept 2 mg/kg BIW |
|---|------------------------|--------------------------|-------------------------|
| Total subjects affected by serious adverse events |                        |                          |                         |
| subjects affected / exposed                       | 1 / 20 (5.00%)         | 0 / 18 (0.00%)           | 0 / 19 (0.00%)          |
| number of deaths (all causes)                     | 0                      | 0                        | 0                       |
| number of deaths resulting from adverse events    | 0                      | 0                        | 0                       |
| Cardiac disorders                                 |                        |                          |                         |
| Sinus bradycardia                                 |                        |                          |                         |
| subjects affected / exposed                       | 1 / 20 (5.00%)         | 0 / 18 (0.00%)           | 0 / 19 (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                   |

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

| Non-serious adverse events  | Recifercept 1 mg/kg QW | Recifercept 1.5 mg/kg QD | Recifercept 2 mg/kg BIW |
|---|------------------------|--------------------------|-------------------------|
| Total subjects affected by non-serious adverse events               |                        |                          |                         |
| subjects affected / exposed   | 16 / 20 (80.00%)       | 16 / 18 (88.89%)         | 19 / 19 (100.00%)       |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) |                        |                          |                         |
| Skin papilloma  |                        |                          |                         |
| subjects affected / exposed   | 0 / 20 (0.00%)         | 0 / 18 (0.00%)           | 1 / 19 (5.26%)          |
| occurrences (all)   | 0                      | 0                        | 1                       |
| Melanocytic naevus  |                        |                          |                         |

|   |                     |                     |                     |
|---|---------------------|---------------------|---------------------|
| subjects affected / exposed<br>occurrences (all)        | 0 / 20 (0.00%)<br>0 | 0 / 18 (0.00%)<br>0 | 1 / 19 (5.26%)<br>1 |
| Vascular disorders                                      |                     |                     |                     |
| Haematoma   |                     |                     |                     |
| subjects affected / exposed                             | 1 / 20 (5.00%)      | 0 / 18 (0.00%)      | 3 / 19 (15.79%)     |
| occurrences (all)                                       | 1                   | 0                   | 3                   |
| Hyperaemia  |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 1 / 18 (5.56%)      | 0 / 19 (0.00%)      |
| occurrences (all)                                       | 0                   | 5                   | 0                   |
| Haemorrhage   |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 0 / 18 (0.00%)      | 1 / 19 (5.26%)      |
| occurrences (all)                                       | 0                   | 0                   | 1                   |
| General disorders and administration<br>site conditions |                     |                     |                     |
| Application site erythema                               |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 1 / 18 (5.56%)      | 0 / 19 (0.00%)      |
| occurrences (all)                                       | 0                   | 1                   | 0                   |
| Injection site pain                                     |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 0 / 18 (0.00%)      | 1 / 19 (5.26%)      |
| occurrences (all)                                       | 0                   | 0                   | 1                   |
| Injection site oedema                                   |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 1 / 18 (5.56%)      | 1 / 19 (5.26%)      |
| occurrences (all)                                       | 0                   | 1                   | 1                   |
| Injection site mass                                     |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 0 / 18 (0.00%)      | 1 / 19 (5.26%)      |
| occurrences (all)                                       | 0                   | 0                   | 3                   |
| Injection site induration                               |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 1 / 18 (5.56%)      | 1 / 19 (5.26%)      |
| occurrences (all)                                       | 0                   | 2                   | 5                   |
| Injection site hypersensitivity                         |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 1 / 18 (5.56%)      | 0 / 19 (0.00%)      |
| occurrences (all)                                       | 0                   | 1                   | 0                   |
| Injection site haemorrhage                              |                     |                     |                     |
| subjects affected / exposed                             | 0 / 20 (0.00%)      | 2 / 18 (11.11%)     | 2 / 19 (10.53%)     |
| occurrences (all)                                       | 0                   | 2                   | 4                   |
| Injection site haematoma                                |                     |                     |                     |

|   |                 |                 |                 |
|---|-----------------|-----------------|-----------------|
| subjects affected / exposed                     | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)                               | 0               | 1               | 0               |
| Injection site erythema                         |                 |                 |                 |
| subjects affected / exposed                     | 4 / 20 (20.00%) | 4 / 18 (22.22%) | 5 / 19 (26.32%) |
| occurrences (all)                               | 30              | 11              | 17              |
| Injection site bruising                         |                 |                 |                 |
| subjects affected / exposed                     | 1 / 20 (5.00%)  | 2 / 18 (11.11%) | 0 / 19 (0.00%)  |
| occurrences (all)                               | 5               | 3               | 0               |
| Chest pain                                      |                 |                 |                 |
| subjects affected / exposed                     | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 2 / 19 (10.53%) |
| occurrences (all)                               | 0               | 0               | 2               |
| Injection site pruritus                         |                 |                 |                 |
| subjects affected / exposed                     | 3 / 20 (15.00%) | 2 / 18 (11.11%) | 3 / 19 (15.79%) |
| occurrences (all)                               | 3               | 9               | 8               |
| Injection site swelling                         |                 |                 |                 |
| subjects affected / exposed                     | 1 / 20 (5.00%)  | 2 / 18 (11.11%) | 1 / 19 (5.26%)  |
| occurrences (all)                               | 1               | 4               | 1               |
| Injection site reaction                         |                 |                 |                 |
| subjects affected / exposed                     | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 3 / 19 (15.79%) |
| occurrences (all)                               | 0               | 3               | 5               |
| Injection site rash                             |                 |                 |                 |
| subjects affected / exposed                     | 4 / 20 (20.00%) | 2 / 18 (11.11%) | 4 / 19 (21.05%) |
| occurrences (all)                               | 7               | 5               | 12              |
| Injection site urticaria                        |                 |                 |                 |
| subjects affected / exposed                     | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)                               | 0               | 3               | 0               |
| Injection site warmth                           |                 |                 |                 |
| subjects affected / exposed                     | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                               | 0               | 0               | 1               |
| Pyrexia   |                 |                 |                 |
| subjects affected / exposed                     | 1 / 20 (5.00%)  | 4 / 18 (22.22%) | 3 / 19 (15.79%) |
| occurrences (all)                               | 4               | 5               | 5               |
| Respiratory, thoracic and mediastinal disorders |                 |                 |                 |
| Tonsillar inflammation                          |                 |                 |                 |

|                                    |                 |                |                 |
|------------------------------------|-----------------|----------------|-----------------|
| subjects affected / exposed        | 0 / 20 (0.00%)  | 1 / 18 (5.56%) | 0 / 19 (0.00%)  |
| occurrences (all)                  | 0               | 1              | 0               |
| Rhinorrhoea                        |                 |                |                 |
| subjects affected / exposed        | 0 / 20 (0.00%)  | 1 / 18 (5.56%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 0               | 1              | 2               |
| Obstructive sleep apnoea syndrome  |                 |                |                 |
| subjects affected / exposed        | 0 / 20 (0.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 0               | 0              | 1               |
| Nasal congestion                   |                 |                |                 |
| subjects affected / exposed        | 1 / 20 (5.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 1               | 0              | 1               |
| Epistaxis                          |                 |                |                 |
| subjects affected / exposed        | 2 / 20 (10.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 2               | 0              | 1               |
| Cough                              |                 |                |                 |
| subjects affected / exposed        | 2 / 20 (10.00%) | 1 / 18 (5.56%) | 2 / 19 (10.53%) |
| occurrences (all)                  | 2               | 4              | 2               |
| Psychiatric disorders              |                 |                |                 |
| Agitation                          |                 |                |                 |
| subjects affected / exposed        | 0 / 20 (0.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 0               | 0              | 1               |
| Antisocial behaviour               |                 |                |                 |
| subjects affected / exposed        | 0 / 20 (0.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 0               | 0              | 1               |
| Insomnia                           |                 |                |                 |
| subjects affected / exposed        | 1 / 20 (5.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 1               | 0              | 1               |
| Product issues                     |                 |                |                 |
| Device malfunction                 |                 |                |                 |
| subjects affected / exposed        | 0 / 20 (0.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 0               | 0              | 1               |
| Investigations                     |                 |                |                 |
| Alanine aminotransferase increased |                 |                |                 |
| subjects affected / exposed        | 0 / 20 (0.00%)  | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                  | 0               | 0              | 2               |
| SARS-CoV-2 test positive           |                 |                |                 |

|                                      |                 |                 |                 |
|--------------------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed          | 3 / 20 (15.00%) | 4 / 18 (22.22%) | 7 / 19 (36.84%) |
| occurrences (all)                    | 3               | 4               | 7               |
| Lymphocyte count decreased           |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 0               | 1               |
| Haemoglobin increased                |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 0               | 1               |
| Haematocrit increased                |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 0               | 2               |
| Blood urea increased                 |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 0               | 1               |
| Aspartate aminotransferase increased |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 0               | 1               |
| Blood phosphorus increased           |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 3 / 19 (15.79%) |
| occurrences (all)                    | 0               | 1               | 3               |
| Blood creatinine decreased           |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 1               | 1               |
| Blood calcium increased              |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 1               | 1               |
| Blood bicarbonate increased          |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)                    | 0               | 1               | 0               |
| Blood albumin increased              |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                    | 0               | 0               | 1               |
| Blood potassium increased            |                 |                 |                 |
| subjects affected / exposed          | 0 / 20 (0.00%)  | 2 / 18 (11.11%) | 2 / 19 (10.53%) |
| occurrences (all)                    | 0               | 2               | 2               |

|  |                |                |                 |
|--|----------------|----------------|-----------------|
| Injury, poisoning and procedural complications |                |                |                 |
| Arthropod bite                                 |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 0              | 0              | 1               |
| Bite   |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 0              | 0              | 1               |
| Burns second degree                            |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 0              | 0              | 1               |
| Contusion                                      |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 1 / 18 (5.56%) | 0 / 19 (0.00%)  |
| occurrences (all)                              | 0              | 2              | 0               |
| Fall   |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 2 / 19 (10.53%) |
| occurrences (all)                              | 0              | 0              | 2               |
| Hand fracture                                  |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 1 / 18 (5.56%) | 0 / 19 (0.00%)  |
| occurrences (all)                              | 0              | 1              | 0               |
| Head injury                                    |                |                |                 |
| subjects affected / exposed                    | 1 / 20 (5.00%) | 1 / 18 (5.56%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 1              | 1              | 1               |
| Post procedural discomfort                     |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 0              | 0              | 1               |
| Procedural pain                                |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 1 / 18 (5.56%) | 0 / 19 (0.00%)  |
| occurrences (all)                              | 0              | 1              | 0               |
| Skin abrasion                                  |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 0              | 0              | 1               |
| Traumatic haematoma                            |                |                |                 |
| subjects affected / exposed                    | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                              | 0              | 0              | 1               |
| Nervous system disorders                       |                |                |                 |

|   |                      |                      |                      |
|---|----------------------|----------------------|----------------------|
| Tension headache<br>subjects affected / exposed<br>occurrences (all)          | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>1  |
| Somnolence<br>subjects affected / exposed<br>occurrences (all)                | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>1  |
| Psychomotor hyperactivity<br>subjects affected / exposed<br>occurrences (all) | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>1  |
| Headache<br>subjects affected / exposed<br>occurrences (all)                  | 2 / 20 (10.00%)<br>5 | 2 / 18 (11.11%)<br>8 | 2 / 19 (10.53%)<br>3 |
| Dyskinesia<br>subjects affected / exposed<br>occurrences (all)                | 1 / 20 (5.00%)<br>1  | 0 / 18 (0.00%)<br>0  | 2 / 19 (10.53%)<br>2 |
| Dizziness<br>subjects affected / exposed<br>occurrences (all)                 | 0 / 20 (0.00%)<br>0  | 1 / 18 (5.56%)<br>1  | 0 / 19 (0.00%)<br>0  |
| Blood and lymphatic system disorders  |                      |                      |                      |
| Eosinophilia<br>subjects affected / exposed<br>occurrences (all)              | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>2  |
| Anaemia<br>subjects affected / exposed<br>occurrences (all)                   | 1 / 20 (5.00%)<br>1  | 1 / 18 (5.56%)<br>1  | 1 / 19 (5.26%)<br>1  |
| Thrombocytosis<br>subjects affected / exposed<br>occurrences (all)            | 0 / 20 (0.00%)<br>0  | 2 / 18 (11.11%)<br>3 | 2 / 19 (10.53%)<br>3 |
| Monocytosis<br>subjects affected / exposed<br>occurrences (all)               | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>1  |
| Ear and labyrinth disorders   |                      |                      |                      |
| Vertigo<br>subjects affected / exposed<br>occurrences (all)                   | 0 / 20 (0.00%)<br>0  | 1 / 18 (5.56%)<br>1  | 0 / 19 (0.00%)<br>0  |
| Otorrhoea   |                      |                      |                      |



|                             |                 |                 |                 |
|-----------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 2 / 19 (10.53%) |
| occurrences (all)           | 0               | 0               | 2               |
| Ear pain                    |                 |                 |                 |
| subjects affected / exposed | 1 / 20 (5.00%)  | 3 / 18 (16.67%) | 2 / 19 (10.53%) |
| occurrences (all)           | 2               | 3               | 2               |
| Gastrointestinal disorders  |                 |                 |                 |
| Abdominal pain              |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Anal pruritus               |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 0               | 0               | 1               |
| Abdominal pain upper        |                 |                 |                 |
| subjects affected / exposed | 2 / 20 (10.00%) | 0 / 18 (0.00%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 2               | 0               | 0               |
| Constipation                |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 0               | 0               | 2               |
| Dental caries               |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 2 / 19 (10.53%) |
| occurrences (all)           | 0               | 1               | 2               |
| Diarrhoea                   |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 2 / 18 (11.11%) | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 2               | 0               |
| Intra-abdominal haematoma   |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 0               | 0               | 1               |
| Nausea                      |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Toothache                   |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Vomiting                    |                 |                 |                 |
| subjects affected / exposed | 3 / 20 (15.00%) | 1 / 18 (5.56%)  | 2 / 19 (10.53%) |
| occurrences (all)           | 4               | 1               | 2               |

|  |                |                |                 |
|--|----------------|----------------|-----------------|
| Skin and subcutaneous tissue disorders |                |                |                 |
| Dry skin                               |                |                |                 |
| subjects affected / exposed            | 1 / 20 (5.00%) | 0 / 18 (0.00%) | 2 / 19 (10.53%) |
| occurrences (all)                      | 1              | 0              | 2               |
| Drug eruption                          |                |                |                 |
| subjects affected / exposed            | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 0              | 0              | 1               |
| Dermatitis atopic                      |                |                |                 |
| subjects affected / exposed            | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 0              | 0              | 1               |
| Cafe au lait spots                     |                |                |                 |
| subjects affected / exposed            | 1 / 20 (5.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 1              | 0              | 1               |
| Alopecia                               |                |                |                 |
| subjects affected / exposed            | 1 / 20 (5.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 1              | 0              | 1               |
| Acanthosis nigricans                   |                |                |                 |
| subjects affected / exposed            | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 0              | 0              | 1               |
| Skin swelling                          |                |                |                 |
| subjects affected / exposed            | 0 / 20 (0.00%) | 1 / 18 (5.56%) | 0 / 19 (0.00%)  |
| occurrences (all)                      | 0              | 2              | 0               |
| Skin reaction                          |                |                |                 |
| subjects affected / exposed            | 0 / 20 (0.00%) | 1 / 18 (5.56%) | 0 / 19 (0.00%)  |
| occurrences (all)                      | 0              | 2              | 0               |
| Skin hyperpigmentation                 |                |                |                 |
| subjects affected / exposed            | 1 / 20 (5.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 1              | 0              | 1               |
| Rash papular                           |                |                |                 |
| subjects affected / exposed            | 1 / 20 (5.00%) | 0 / 18 (0.00%) | 2 / 19 (10.53%) |
| occurrences (all)                      | 1              | 0              | 2               |
| Neurodermatitis                        |                |                |                 |
| subjects affected / exposed            | 0 / 20 (0.00%) | 0 / 18 (0.00%) | 1 / 19 (5.26%)  |
| occurrences (all)                      | 0              | 0              | 1               |
| Erythema                               |                |                |                 |

|   |                      |                      |                      |
|---|----------------------|----------------------|----------------------|
| subjects affected / exposed<br>occurrences (all)  | 0 / 20 (0.00%)<br>0  | 2 / 18 (11.11%)<br>3 | 1 / 19 (5.26%)<br>1  |
| Eczema<br>subjects affected / exposed<br>occurrences (all)  | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 2 / 19 (10.53%)<br>2 |
| Ecchymosis<br>subjects affected / exposed<br>occurrences (all)  | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>1  |
| Rash<br>subjects affected / exposed<br>occurrences (all)  | 1 / 20 (5.00%)<br>1  | 1 / 18 (5.56%)<br>1  | 2 / 19 (10.53%)<br>4 |
| Renal and urinary disorders<br>Urinary incontinence<br>subjects affected / exposed<br>occurrences (all)           | 0 / 20 (0.00%)<br>0  | 1 / 18 (5.56%)<br>1  | 0 / 19 (0.00%)<br>0  |
| Musculoskeletal and connective tissue disorders<br>Arthralgia<br>subjects affected / exposed<br>occurrences (all) | 3 / 20 (15.00%)<br>4 | 1 / 18 (5.56%)<br>1  | 1 / 19 (5.26%)<br>2  |
| Pain in extremity<br>subjects affected / exposed<br>occurrences (all)   | 1 / 20 (5.00%)<br>3  | 1 / 18 (5.56%)<br>2  | 3 / 19 (15.79%)<br>5 |
| Neck pain<br>subjects affected / exposed<br>occurrences (all)   | 0 / 20 (0.00%)<br>0  | 1 / 18 (5.56%)<br>1  | 0 / 19 (0.00%)<br>0  |
| Myalgia<br>subjects affected / exposed<br>occurrences (all)   | 0 / 20 (0.00%)<br>0  | 0 / 18 (0.00%)<br>0  | 1 / 19 (5.26%)<br>1  |
| Back pain<br>subjects affected / exposed<br>occurrences (all)   | 0 / 20 (0.00%)<br>0  | 1 / 18 (5.56%)<br>2  | 0 / 19 (0.00%)<br>0  |
| Infections and infestations<br>Herpes virus infection<br>subjects affected / exposed<br>occurrences (all)         | 0 / 20 (0.00%)<br>0  | 1 / 18 (5.56%)<br>3  | 0 / 19 (0.00%)<br>0  |
| Herpangina  |                      |                      |                      |

|                                   |                 |                 |                 |
|-----------------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                 | 0               | 0               | 1               |
| Hand-foot-and-mouth disease       |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 2 / 19 (10.53%) |
| occurrences (all)                 | 0               | 0               | 2               |
| Gastrointestinal infection        |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                 | 0               | 0               | 1               |
| Gastroenteritis                   |                 |                 |                 |
| subjects affected / exposed       | 2 / 20 (10.00%) | 2 / 18 (11.11%) | 2 / 19 (10.53%) |
| occurrences (all)                 | 2               | 2               | 2               |
| Ear infection                     |                 |                 |                 |
| subjects affected / exposed       | 3 / 20 (15.00%) | 1 / 18 (5.56%)  | 2 / 19 (10.53%) |
| occurrences (all)                 | 4               | 1               | 3               |
| COVID-19                          |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                 | 0               | 0               | 1               |
| Bronchitis                        |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                 | 0               | 0               | 1               |
| Gastroenteritis viral             |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)                 | 0               | 4               | 0               |
| Suspected COVID-19                |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)                 | 0               | 1               | 0               |
| Upper respiratory tract infection |                 |                 |                 |
| subjects affected / exposed       | 3 / 20 (15.00%) | 1 / 18 (5.56%)  | 3 / 19 (15.79%) |
| occurrences (all)                 | 3               | 2               | 5               |
| Varicella                         |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                 | 0               | 0               | 1               |
| Skin candida                      |                 |                 |                 |
| subjects affected / exposed       | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)                 | 0               | 0               | 1               |
| Rhinitis                          |                 |                 |                 |

|                             |                 |                 |                 |
|-----------------------------|-----------------|-----------------|-----------------|
| subjects affected / exposed | 1 / 20 (5.00%)  | 1 / 18 (5.56%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 1               | 1               | 1               |
| Respiratory tract infection |                 |                 |                 |
| subjects affected / exposed | 1 / 20 (5.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 1               | 1               | 0               |
| Pharyngitis                 |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 0               | 1               | 2               |
| Otitis media bacterial      |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Otitis media                |                 |                 |                 |
| subjects affected / exposed | 3 / 20 (15.00%) | 1 / 18 (5.56%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 3               | 1               | 1               |
| Oral herpes                 |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 4               | 0               |
| Nasopharyngitis             |                 |                 |                 |
| subjects affected / exposed | 5 / 20 (25.00%) | 2 / 18 (11.11%) | 5 / 19 (26.32%) |
| occurrences (all)           | 6               | 2               | 7               |
| Influenza                   |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 2 / 18 (11.11%) | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 2               | 0               |
| Viral infection             |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 1 / 18 (5.56%)  | 0 / 19 (0.00%)  |
| occurrences (all)           | 0               | 1               | 0               |
| Impetigo                    |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 0               | 0               | 3               |
| Viral rash                  |                 |                 |                 |
| subjects affected / exposed | 0 / 20 (0.00%)  | 0 / 18 (0.00%)  | 1 / 19 (5.26%)  |
| occurrences (all)           | 0               | 0               | 1               |

## More information

### Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date             | Amendment   |
|------------------|---|
| 09 November 2020 | The following changes were made due to regulatory requests from different countries which the sponsor classified as substantial. Section 1.3: Additional ECG at close to Cmax (Day 4) and additional pharmacokinetic & immunogenicity sample at Month 9 were added. Clarify that monitoring after first 5 doses be done by appropriately trained individuals with access to facilities necessary to manage hypersensitivity MRI at baseline was added and only applicable for those without scan in last 12 months. Section 4.1: Clarify age range to align with inclusion criteria. Section 4.2: Clarify language around baseline MRI. Section 5.1: Provide clear demarcation between main and exploratory cohorts. Section 5.2: Exclude those with evidence of significant renal or hepatic impairment, or with history of hypersensitivity to study intervention or excipients. Section 6.1.1: To clarify that only parent/caregiver/ healthcare professional should administer the study medication. Section 6.6: Clarify age of those in block A. Section 6.6.1: There will be a planned eDMC review after block A prior to progressing to block B. Change SUSAR to SAR. Clarify that the primary efficacy analysis will be done on treatment naïve subjects enrolled to each cohort. Section 7.1: To clarify the role of the investigator in stopping study intervention as a result of adverse events or need for prohibited treatments. Section 8.2.4: Add D4 ECG. Section 8.3.1: Confirm that investigator should enquire about both AEs and SAEs at follow-up visit. Section 9.4.2: Clarify the analysis to be performed as ANOVA not ANCOVA. Sections 9.4.2 & 9.4.3: Clarify the analysis to be performed (removal of stratification). Section 9.6: Describe control of familywise error rate. Section 10.4.2: Confirm that WOCBP cannot enroll in the study since subjects must be Tanner stage 1 at enrolment. Section 10.5: Clarify that LFTs are measured in routine safety assessments. |
| 14 April 2021    | The changes in this amendment were made due to eDMC recommendations and additional regulatory requests from different countries. Section 1.2: Block B enrollment of high dose subjects was reduced from n=8 to n=3 and enrollment using a sentinel approach. In addition, Block B 2-6yrs old at low & medium doses was expanded from n=3 to n=8 per dose with enrollment also using a sentinel approach. Sections 4.1 & 6.6: Block B to Block C progression rules were revised in line with the sentinel approach from n=3 per dose to n=2 per dose. The number of high dose children included in the safety review will stay the same (n=3). Appendix 2: Addition of Phosphate to chemistry panel and collection of time since last food intake. Section 1.3: Addition of Hematology & Chemistry Labs at Month 9. Section 2.2.1: Final data from study C4181002 added. Summary safety & PK data from Block A added. Section 5.2: Criterion No. 6 CrCL GFR formula 'bedside' Schwartz was added. Section 6.2.1: Clarification of what should be considered adequate training for caregivers for home drug administration was added. Section 6.4.1: Clarified instructions for caregivers regarding injection site reactions during home dosing is documented in the caregiver dosing diary. Sections 8.6, 8.7.2, and 8.7.7: Confirmation this section is not applicable in Denmark.   |

|               |  |
|---------------|--|
| 23 March 2022 | The changes in this amendment were made due to eDMC recommendations, regulatory requests from different countries and addition of a PK cohort. Section 1.2: Update to expand recruitment of those aged 2-<6y in block C at the high dose (1.5 mg/kg daily) from a total of n=3 to n=8 (ie, move all 5 subjects from block D). Section 6.6.1: Update to a sentinel dosing approach for recruiting those aged 2-<6 years in block C such that n=2 at high dose will be dosed followed by a 2-week delay before further dosing occurs in that age group. Section 1.3: Added footnote for blood chemistry that subjects are required to fast for >4 hours prior to blood sampling. Section 8.2.5 & Appendix 2: Subjects are required to fast for >4 hours prior to blood sampling. Section 2.2.1: Updated clinical safety as of September 2021, to include number of subjects per Block and AEs. Section 4.1: Updated to include a PK cohort that will include 12 subjects who will randomly receive 1 dose of Phase 2 (process 1c) followed by 1 dose of proposed Phase 3 (process 2) recifercept formulation or vice versa in a cross-over study, at select sites only. PK analysis following each dose will be conducted to evaluate the two formulations. Single dose of 3 mg/kg will be used for the PK study cohort. Dose of the cohort could be changed due to emerging safety and efficacy data in the study. Section 4.3: Updated to include a PK cohort of 12 subjects. The tentative dose for the PK study cohort is 3 mg/kg. The dose selected for the PK cohort could be changed after evaluating the entirety of the safety, PK and efficacy data collected in the program before initiating the cohort. The dose selected will not exceed the highest dose found to be safe and tolerated. Section 8.0: Updated to include the PK cohort, as the total blood volume collected for individual subjects is approximately 67 mL in this cohort. Sections 1.2, 1.3, 8.5, 9.2, 9.3, and 9.4: Updated to include PK cohort. |
|---------------|--|

Notes:

## Interruptions (globally)

Were there any global interruptions to the trial? Yes

| Date             | Interruption  | Restart date |
|------------------|---|--------------|
| 18 November 2022 | Following the results of an interim analysis in this study (C4181005) and the temporary halt decision of 20 October 2022, Pfizer Inc. made the decision to terminate this study as of 18 November 2022 (date of decision of the global study termination by the sponsor). The decision to terminate this study was due to not meeting the pre specified 6 month efficacy criteria at the tested doses and not due to any safety concerns. | -            |

Notes:

## Limitations and caveats

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

The additional PK cohort for 2 formulations was not completed as the study was early terminated prior to enrolling any subjects in the PK cohort. No data was collected for additional PK cohort.

Notes: