



Clinical trial results:

A pilot study to assess the safety, tolerability, dose-finding, and efficacy of iadademstat in combination with azacitidine in adult patients with Acute Myeloid Leukemia (AML) in first-line therapy.

Summary

| | |
|--------------------------|-------------------|
| EudraCT number | 2018-000482-36 |
| Trial protocol | ES |
| Global end of trial date | 30 September 2022 |

Results information

| | |
|--------------------------------|-----------------|
| Result version number | v1 (current) |
| This version publication date | 16 October 2024 |
| First version publication date | 16 October 2024 |

Trial information

Trial identification

| | |
|-----------------------|------------------|
| Sponsor protocol code | CL02-ORY-1001AML |
|-----------------------|------------------|

Additional study identifiers

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

Notes:

Sponsors

| | |
|------------------------------|---|
| Sponsor organisation name | Oryzon Genomics S. A. |
| Sponsor organisation address | Carrer de Sant Ferran, 74, CORNELLA DE LLOBREGAT, Spain, 08940 |
| Public contact | Douglas V. Faller, Oryzon Genomics S. A., 34 93 515 13 13, dfaller@oryzon.com |
| Scientific contact | Douglas V. Faller, Oryzon Genomics S. A., 34 93 515 13 13, dfaller@oryzon.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 | 31 January 2024 |
| Is this the analysis of the primary completion data? | No |
| Global end of trial reached? | Yes |
| Global end of trial date | 30 September 2022 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

To assess safety, tolerability and dose finding of ORY-1001 in combination with azacitidine.

Protection of trial subjects:

The protocol and informed consent forms were submitted to an Independent Ethics Committee (IEC) for review and approval before study initiation. All revisions to the informed consent forms (if applicable) after initial IEC approval were submitted to the IEC for review and approval before implementation in accordance with regulatory requirements. This study was conducted in accordance with the International Conference on Harmonization guideline for Good Clinical Practice (ICH GCP) and the original principles embodied in the Declaration of Helsinki.

Background therapy: -

Evidence for comparator: -

| | |
|---|-------------------|
| Actual start date of recruitment | 28 September 2018 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | No |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|-----------|
| Country: Number of subjects enrolled | Spain: 36 |
| Worldwide total number of subjects | 36 |
| EEA total number of subjects | 36 |

Notes:

Subjects enrolled per age group

| | |
|---|----|
| In utero | 0 |
| Preterm newborn - gestational age < 37 wk | 0 |
| Newborns (0-27 days) | 0 |
| Infants and toddlers (28 days-23 months) | 0 |
| Children (2-11 years) | 0 |
| Adolescents (12-17 years) | 0 |
| Adults (18-64 years) | 0 |
| From 65 to 84 years | 36 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details:

The study was an open-label study. Patient enrollment to a particular dose was in accordance with a Patient Allocation and Recruitment Process. The Sponsor was the responsible for allocation of dose cohort and patient numbers.

Pre-assignment

Screening details:

The screening period consisted of 14-day period after the ICF signature. During this screening period study procedures for subject selection were completed (e.g., inclusion/exclusion criteria, disease assessment, medical history, demographics, concomitant medication, vital signs including ECG...)

Period 1

| | |
|------------------------------|-----------------------------------|
| Period 1 title | Treatment Period (overall period) |
| Is this the baseline period? | Yes |
| Allocation method | Not applicable |
| Blinding used | Not blinded |

Arms

| | |
|------------------------------|-------------|
| Are arms mutually exclusive? | Yes |
| Arm title | 90 mcg/m2/d |

Arm description:

Starting dose

| | |
|--|--------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Iadademstat |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Powder for oral solution |
| Routes of administration | Oral use |

Dosage and administration details:

The dosage of Azacitidine was 75 mg/m2 for 7 days (7 consecutive days or days 1-5, 8, 9). Iadademstat 90 mcg/m2/d orally intake, in a 5 days on/2 day off schedule, 4-weeks cycles

| | |
|------------------|-------------|
| Arm title | 60 mcg/m2/d |
|------------------|-------------|

Arm description:

De-escalation dose

| | |
|--|--------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Iadademstat |
| Investigational medicinal product code | |
| Other name | |
| Pharmaceutical forms | Powder for oral solution |
| Routes of administration | Oral use |

Dosage and administration details:

The dosage of Azacitidine was 75 mg/m2 for 7 days (7 consecutive days or days 1-5, 8, 9). Iadademstat 60 mcg/m2/d orally intake, in a 5 days on/2 day off schedule, 4-weeks cycles

| Number of subjects in period 1 | 90 mcg/m ² /d | 60 mcg/m ² /d |
|---------------------------------------|--------------------------|--------------------------|
| Started | 19 | 17 |
| Completed | 18 | 16 |
| Not completed | 1 | 1 |
| Protocol deviation | 1 | 1 |

Baseline characteristics

Reporting groups

| | |
|--------------------------------|------------------|
| Reporting group title | Treatment Period |
| Reporting group description: - | |

| Reporting group values | Treatment Period | Total | |
|--|------------------|-------|--|
| Number of subjects | 36 | 36 | |
| Age categorical | | | |
| Units: Subjects | | | |
| In utero | 0 | 0 | |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | |
| Newborns (0-27 days) | 0 | 0 | |
| Infants and toddlers (28 days-23 months) | 0 | 0 | |
| Children (2-11 years) | 0 | 0 | |
| Adolescents (12-17 years) | 0 | 0 | |
| Adults (18-64 years) | 0 | 0 | |
| From 65-84 years | 36 | 36 | |
| 85 years and over | 0 | 0 | |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 18 | 18 | |
| Male | 18 | 18 | |

Subject analysis sets

| | |
|----------------------------|---------------------------|
| Subject analysis set title | Safety Analysis Set (SAS) |
| Subject analysis set type | Per protocol |

Subject analysis set description:

The SAS is defined as all patients who received at least one dose of the study treatment. SAS was used for all safety analyses.

| | |
|----------------------------|-------------------------|
| Subject analysis set title | Full Analysis Set (FAS) |
| Subject analysis set type | Per protocol |

Subject analysis set description:

All patients who met eligibility criteria and have been treated. FAS has been used for sensitivity analyses, including safety analysis and efficacy analysis.

| | |
|----------------------------|-----------------------------|
| Subject analysis set title | Efficacy Analysis Set (EAS) |
| Subject analysis set type | Per protocol |

Subject analysis set description:

The EAS is defined as all patients who met the eligibility criteria, have been treated, have baseline disease assessment, and have at least 1 available post-baseline efficacy assessment. EAS has been used for the efficacy analyses.

| Reporting group values | Safety Analysis Set (SAS) | Full Analysis Set (FAS) | Efficacy Analysis Set (EAS) |
|------------------------|---------------------------|-------------------------|-----------------------------|
| Number of subjects | 36 | 34 | 27 |

| | | | |
|---|----|----|----|
| Age categorical | | | |
| 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) | 0 | 0 | 0 |
| Children (2-11 years) | 0 | 0 | 0 |
| Adolescents (12-17 years) | 0 | 0 | 0 |
| Adults (18-64 years) | 0 | 0 | 0 |
| From 65-84 years | 36 | 34 | 27 |
| 85 years and over | 0 | 0 | 0 |
| Gender categorical | | | |
| Units: Subjects | | | |
| Female | 18 | 18 | 14 |
| Male | 18 | 16 | 13 |

End points

End points reporting groups

| | |
|---|-----------------------------|
| Reporting group title | 90 mcg/m2/d |
| Reporting group description: | |
| Starting dose | |
| Reporting group title | 60 mcg/m2/d |
| Reporting group description: | |
| De-escalation dose | |
| Subject analysis set title | Safety Analysis Set (SAS) |
| Subject analysis set type | Per protocol |
| Subject analysis set description: | |
| The SAS is defined as all patients who received at least one dose of the study treatment. SAS was used for all safety analyses. | |
| Subject analysis set title | Full Analysis Set (FAS) |
| Subject analysis set type | Per protocol |
| Subject analysis set description: | |
| All patients who met eligibility criteria and have been treated. FAS has been used for sensitivity analyses, including safety analysis and efficacy analysis. | |
| Subject analysis set title | Efficacy Analysis Set (EAS) |
| Subject analysis set type | Per protocol |
| Subject analysis set description: | |
| The EAS is defined as all patients who met the eligibility criteria, have been treated, have baseline disease assessment, and have at least 1 available post-baseline efficacy assessment. EAS has been used for the efficacy analyses. | |

Primary: Safety of iadademstat in combination with azacitidine

| | |
|--|---|
| End point title | Safety of iadademstat in combination with azacitidine |
| End point description: | |
| | |
| End point type | Primary |
| End point timeframe: | |
| Treatment period in both arms of the study | |

| End point values | 90 mcg/m2/d | 60 mcg/m2/d | Safety Analysis Set (SAS) | |
|---|-----------------|-----------------|---------------------------|--|
| Subject group type | Reporting group | Reporting group | Subject analysis set | |
| Number of subjects analysed | 19 | 17 | 36 | |
| Units: Subjects | | | | |
| Subjects with AEs | 19 | 17 | 36 | |
| Subjects with SAEs | 18 | 16 | 34 | |
| Subjects with AEs ≥G3 | 19 | 17 | 36 | |
| Subjects with AEs leading to drug interrupted | 7 | 5 | 12 | |
| Subjects with Fatal AEs | 8 | 4 | 12 | |
| Subjects with ADRs | 17 | 16 | 33 | |
| Subjects with SADR | 2 | 1 | 3 | |
| Subjects with ADRs ≥G3 | 16 | 15 | 31 | |

| | | | | |
|--|---|---|---|--|
| Subjects with ADRs leading to drug interrupted | 2 | 0 | 2 | |
| Subjects with Fatal ADRs | 1 | 0 | 1 | |

Statistical analyses

| | |
|---|---------------------------|
| Statistical analysis title | Descriptive statistics |
| Comparison groups | 90 mcg/m2/d v 60 mcg/m2/d |
| Number of subjects included in analysis | 36 |
| Analysis specification | Pre-specified |
| Analysis type | other ^[1] |
| P-value | = 0 ^[2] |
| Method | Descriptive statistics |

Notes:

[1] - Descriptive statistics

[2] - Not applicable. Descriptive statistics.

Secondary: Individual Patients Response

| | |
|--|------------------------------|
| End point title | Individual Patients Response |
| End point description: Responses per investigator assessment (European LeukemiaNet 2010 criteria) of the 27 patients in the Efficacy Analysis Set | |
| End point type | Secondary |
| End point timeframe: | |
| Treatment period | |

| End point values | 90 mcg/m2/d | 60 mcg/m2/d | Efficacy Analysis Set (EAS) | |
|-----------------------------|-----------------|-----------------|-----------------------------|--|
| Subject group type | Reporting group | Reporting group | Subject analysis set | |
| Number of subjects analysed | 14 | 13 | 27 | |
| Units: Subjects | | | | |
| CR | 5 | 4 | 9 | |
| CRi | 4 | 1 | 5 | |
| PR | 2 | 6 | 8 | |
| SD | 2 | 2 | 4 | |
| PD | 1 | 0 | 1 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Objective Response Rate (ORR)

| | |
|-----------------|-------------------------------|
| End point title | Objective Response Rate (ORR) |
|-----------------|-------------------------------|

End point description:

ORR: Percentage of subjects archiving complete remission (CR), CR with incomplete recovery (CRi), partial response (PR), confirmed by repeat assessments ≥ 4 weeks after initial documentation

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

End point timeframe:

Treatment period

| End point values | 90 mcg/m2/d | 60 mcg/m2/d | Efficacy Analysis Set (EAS) | |
|----------------------------------|-----------------|-----------------|-----------------------------|--|
| Subject group type | Reporting group | Reporting group | Subject analysis set | |
| Number of subjects analysed | 14 | 13 | 27 | |
| Units: Subjects | | | | |
| number (confidence interval 95%) | | | | |
| Objective response (%; 95% CI) | 79 (49 to 95) | 85 (55 to 98) | 82 (62 to 94) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Time to response (TTR)

| | |
|-----------------|------------------------|
| End point title | Time to response (TTR) |
|-----------------|------------------------|

End point description:

TTR defined as time from the start of treatment with iadademstat to the firts objective tumor response observed in terms of number of cycles administrated.

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

End point timeframe:

Treatment period

| End point values | 90 mcg/m2/d | 60 mcg/m2/d | Efficacy Analysis Set (EAS) | |
|---------------------------------------|-----------------|-----------------|-----------------------------|--|
| Subject group type | Reporting group | Reporting group | Subject analysis set | |
| Number of subjects analysed | 14 | 13 | 27 | |
| Units: day | | | | |
| number (confidence interval 95%) | | | | |
| Time to first response, days (95% CI) | 67 (30 to 93) | 43 (29 to 80) | 64 (32 to 80) | |
| Time to best response, days (95% CI) | 124 (67 to 169) | 79 (32 to 283) | 105 (67 to 162) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Duration of Response (DOR)

| | |
|-----------------|----------------------------|
| End point title | Duration of Response (DOR) |
|-----------------|----------------------------|

End point description:

DOR: defined as the time from the first occurrence of a documented tumor response to the time of progression or death from any cause, whichever occurs first. (DOR analysis only included responders).

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

End point timeframe:

Treatment and follow up period

| End point values | 90 mcg/m2/d | 60 mcg/m2/d | Efficacy Analysis Set (EAS) | |
|----------------------------------|-----------------|-----------------|-----------------------------|--|
| Subject group type | Reporting group | Reporting group | Subject analysis set | |
| Number of subjects analysed | 14 | 13 | 27 | |
| Units: day | | | | |
| number (confidence interval 95%) | | | | |
| CR + CRi + PR, days (95% CI) | 282 (16 to 529) | 205 (71 to 748) | 269 (86 to 529) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Event-Free survival (EFS)

| | |
|-----------------|---------------------------|
| End point title | Event-Free survival (EFS) |
|-----------------|---------------------------|

End point description:

EFS: Time from first study treatment to disease progression or death.

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

End point timeframe:

Study period

| End point values | 90 mcg/m2/d | 60 mcg/m2/d | Efficacy Analysis Set (EAS) | |
|----------------------------------|--------------------|-------------------|-----------------------------|--|
| Subject group type | Reporting group | Reporting group | Subject analysis set | |
| Number of subjects analysed | 14 | 13 | 27 | |
| Units: month | | | | |
| median (confidence interval 95%) | | | | |
| EFS (mos) (95% CI) | 10.2 (2.0 to 19.4) | 7.7 (3.4 to 21.9) | 8.9 (3.4 to 11.8) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Overall Survival (OS)

| | |
|--|-----------------------|
| End point title | Overall Survival (OS) |
| End point description: | |
| OS: Time from first study treatment to death from any cause. | |
| End point type | Secondary |
| End point timeframe: | |
| Study period | |

| | | | | |
|----------------------------------|-----------------------------|--|--|--|
| End point values | Efficacy Analysis Set (EAS) | | | |
| Subject group type | Subject analysis set | | | |
| Number of subjects analysed | 27 | | | |
| Units: month | | | | |
| median (confidence interval 95%) | | | | |
| OS (mos) (95% CI) | 11.1 (4.5 to 29.1) | | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Throughout the study period

Adverse event reporting additional description:

Any adverse event G3 or more with a frequency threshold of at least 5% and all adverse events G3 or more related to iadademstat (+/- azacitidine)

Any serious adverse event with a frequency threshold of at least 5% and all serious adverse events related to iadademstat (+/- azacitidine)

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 25.1 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|---------------------|
| Reporting group title | Safety analysis set |
|-----------------------|---------------------|

Reporting group description: -

| Serious adverse events | Safety analysis set | | |
|---|---------------------|--|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 34 / 36 (94.44%) | | |
| number of deaths (all causes) | 12 | | |
| number of deaths resulting from adverse events | 12 | | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Differentiation syndrome | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences causally related to treatment / all | 1 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Nervous system disorders | | | |
| Haemorrhage intracranial | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences causally related to treatment / all | 1 / 2 | | |
| deaths causally related to treatment / all | 1 / 2 | | |
| Subarachnoid haemorrhage | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 1 | | |
| Blood and lymphatic system disorders | | | |
| Febrile neutropenia | | | |

| | | | |
|--|------------------|--|--|
| subjects affected / exposed | 14 / 36 (38.89%) | | |
| occurrences causally related to treatment / all | 1 / 18 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| General disorders and administration site conditions | | | |
| Pyrexia | | | |
| subjects affected / exposed | 4 / 36 (11.11%) | | |
| occurrences causally related to treatment / all | 0 / 4 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Death | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 1 | | |
| Gastrointestinal disorders | | | |
| Constipation | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Neutropenic colitis | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 1 | | |
| Infections and infestations | | | |
| Pneumonia | | | |
| subjects affected / exposed | 5 / 36 (13.89%) | | |
| occurrences causally related to treatment / all | 0 / 5 | | |
| deaths causally related to treatment / all | 0 / 2 | | |
| COVID-19 pneumonia | | | |
| subjects affected / exposed | 3 / 36 (8.33%) | | |
| occurrences causally related to treatment / all | 0 / 3 | | |
| deaths causally related to treatment / all | 0 / 3 | | |
| Sepsis | | | |
| subjects affected / exposed | 3 / 36 (8.33%) | | |
| occurrences causally related to treatment / all | 0 / 3 | | |
| deaths causally related to treatment / all | 0 / 0 | | |

| | | | |
|---|----------------|--|--|
| Cellulitis | | | |
| subjects affected / exposed | 3 / 36 (8.33%) | | |
| occurrences causally related to treatment / all | 0 / 3 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Respiratory tract infection | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences causally related to treatment / all | 0 / 2 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Urinary tract infection | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences causally related to treatment / all | 0 / 2 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Skin infection | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences causally related to treatment / all | 0 / 2 | | |
| deaths causally related to treatment / all | 0 / 0 | | |
| Septic shock | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences causally related to treatment / all | 0 / 2 | | |
| deaths causally related to treatment / all | 0 / 1 | | |
| Fungal infection | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences causally related to treatment / all | 0 / 1 | | |
| deaths causally related to treatment / all | 0 / 1 | | |

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

| | | | |
|---|---------------------|--|--|
| Non-serious adverse events | Safety analysis set | | |
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 36 / 36 (100.00%) | | |
| Investigations | | | |
| Platelet count decreased | | | |
| subjects affected / exposed | 32 / 36 (88.89%) | | |
| occurrences (all) | 191 | | |
| Neutrophil count decreased | | | |

| | | | |
|---|------------------|--|--|
| subjects affected / exposed | 24 / 36 (66.67%) | | |
| occurrences (all) | 162 | | |
| Haemoglobin abnormal | | | |
| subjects affected / exposed | 3 / 36 (8.33%) | | |
| occurrences (all) | 5 | | |
| White blood cell count decreased | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences (all) | 5 | | |
| White blood cell count abnormal | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences (all) | 5 | | |
| Lymphocyte count decreased | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences (all) | 2 | | |
| Lymphocyte count abnormal | | | |
| subjects affected / exposed | 2 / 36 (5.56%) | | |
| occurrences (all) | 2 | | |
| Haemoglobin decreased | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences (all) | 3 | | |
| Weight decreased | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences (all) | 1 | | |
| Alanine aminotransferase abnormal | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences (all) | 1 | | |
| Aspartate aminotransferase abnormal | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences (all) | 1 | | |
| Blood sodium increased | | | |
| subjects affected / exposed | 1 / 36 (2.78%) | | |
| occurrences (all) | 1 | | |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |

| | | | |
|--|---|--|--|
| Differentiation syndrome subjects affected / exposed occurrences (all) | 1 / 36 (2.78%) 1 | | |
| Vascular disorders Hypotension subjects affected / exposed occurrences (all) | 3 / 36 (8.33%) 3 | | |
| Nervous system disorders Haemorrhage intracranial subjects affected / exposed occurrences (all) Dysgeusia subjects affected / exposed occurrences (all) | 2 / 36 (5.56%) 2 1 / 36 (2.78%) 1 | | |
| Blood and lymphatic system disorders Anaemia subjects affected / exposed occurrences (all) Febrile neutropenia subjects affected / exposed occurrences (all) Leukocytosis subjects affected / exposed occurrences (all) | 24 / 36 (66.67%) 58 17 / 36 (47.22%) 24 2 / 36 (5.56%) 2 | | |
| General disorders and administration site conditions Asthenia subjects affected / exposed occurrences (all) Fatigue subjects affected / exposed occurrences (all) | 5 / 36 (13.89%) 5 2 / 36 (5.56%) 3 | | |
| Gastrointestinal disorders Constipation subjects affected / exposed occurrences (all) | 3 / 36 (8.33%) 3 | | |
| Renal and urinary disorders | | | |

| | | | |
|---|---|--|--|
| Acute kidney injury subjects affected / exposed occurrences (all) | 2 / 36 (5.56%) 2 | | |
| Infections and infestations Urinary tract infection subjects affected / exposed occurrences (all) Cellulitis subjects affected / exposed occurrences (all) Pneumonia subjects affected / exposed occurrences (all) Respiratory tract infection subjects affected / exposed occurrences (all) COVID-19 pneumonia subjects affected / exposed occurrences (all) Sepsis subjects affected / exposed occurrences (all) Skin infection subjects affected / exposed occurrences (all) Septic shock subjects affected / exposed occurrences (all) Abscess subjects affected / exposed occurrences (all) | 2 / 36 (5.56%) 3 4 / 36 (11.11%) 4 5 / 36 (13.89%) 5 2 / 36 (5.56%) 2 3 / 36 (8.33%) 3 3 / 36 (8.33%) 3 2 / 36 (5.56%) 2 2 / 36 (5.56%) 2 1 / 36 (2.78%) 1 | | |
| Metabolism and nutrition disorders Hypokalaemia subjects affected / exposed occurrences (all) | 3 / 36 (8.33%) 3 | | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|------------------|---|
| 17 January 2019 | Add the determination of minimal residual disease (MRD). Add additional timepoints to peripheral blood smears evaluation. Add 2 more specific biomarkers for the evaluation of gene expression changes: HBA1 and GYPB). |
| 22 October 2019 | Add Guide for management of patient's hematological toxicity. Update of participant sites. |
| 06 October 2020 | Inclusion criteria 1 and 3 have been amended (and title modified in line with that). To include patients ≥ 18 years unfit for intensive chemotherapy and clarify prior treatments allowed |
| 15 February 2021 | Exclusion criteria 10 has been amended. To include the request that all patients should initiate antibacterial, antiviral and antifungal prophylaxis simultaneously with the start of the study treatment and irrespective of the neutrophil count |
| 02 June 2021 | Back to initial RP2D of 90 $\mu\text{g}/\text{m}^2/\text{d}$ and recommendation for dose modification in case of neutropenia and/or thrombocytopenia is revised accordingly. To achieve quicker responses after the first cycles of treatment. Provide guidance to modify treatment dosing based on hematological toxicity. |
| 17 May 2022 | Set an End of Study date: 30 Sep 2022 |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported