

EMA/756866/2016

European Medicines Agency decision

P/0337/2016

of 2 December 2016

on the acceptance of a modification of an agreed paediatric investigation plan for autologous T cells transduced with lentiviral vector containing a chimeric antigen receptor directed against CD19 (CTL019) (EMA-001654-PIP01-14-M01) in accordance with Regulation (EC) No 1901/2006 of the European Parliament and of the Council

Disclaimer

This decision does not constitute entitlement to the rewards and incentives referred to in Title V of Regulation (EC) No 1901/2006.

Only the English text is authentic.

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The European Medicines Agency,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1901/2006 of the European Parliament and of the Council of 12 December 2006 on medicinal products for paediatric use and amending Regulation (EEC) No. 1768/92, Directive 2001/20/EC, Directive 2001/83/EC and Regulation (EC) No 726/2004¹,

Having regard to Regulation (EC) No 726/2004 of the European Parliament and of the Council of 31 March 2004 laying down Community procedures for the authorisation and supervision of medicinal products for human and veterinary use and establishing a European Medicines Agency²,

Having regard to the European Medicines Agency's decision P/0103/2015 issued on 11 May 2015,

Having regard to the application submitted by Novartis Europharm Limited on 25 July 2016 under Article 22 of Regulation (EC) No 1901/2006 proposing changes to the agreed paediatric investigation plan with a deferral and a waiver,

Having regard to the opinion of the Paediatric Committee of the European Medicines Agency, issued on 14 October 2016, in accordance with Article 22 of Regulation (EC) No 1901/2006,

Having regard to Article 25 of Regulation (EC) No 1901/2006,

Whereas:

- (1) The Paediatric Committee of the European Medicines Agency has given an opinion on the acceptance of changes to the agreed paediatric investigation plan and to the deferral.
- (2) It is therefore appropriate to adopt a decision on the acceptance of changes to the agreed paediatric investigation plan, including changes to the deferral.

¹ OJ L 378, 27.12.2006, p.1.

² OJ L 136, 30.4.2004, p. 1.

Has adopted this decision:

Article 1

Changes to the agreed paediatric investigation plan for autologous T cells transduced with lentiviral vector containing a chimeric antigen receptor directed against CD19 (CTL019), cell suspension for infusion, intravenous use, including changes to the deferral, are hereby accepted in the scope set out in the opinion of the Paediatric Committee of the European Medicines Agency annexed hereto, together with its appendices.

Article 2

This decision is addressed to Novartis Europharm Limited, Frimley Business Park, GU16 7SR – Camberley, United Kingdom.

EMA/PDCO/533217/2016
London, 14 October 2016

Opinion of the Paediatric Committee on the acceptance of a modification of an agreed Paediatric Investigation Plan EMA-001654-PIP01-14-M01

Scope of the application

Active substance(s):

Autologous T cells transduced with lentiviral vector containing a chimeric antigen receptor directed against CD19 (CTL019)

Condition(s):

Treatment of B cell acute lymphoblastic leukaemia/lymphoblastic lymphoma

Pharmaceutical form(s):

Cell suspension for infusion

Route(s) of administration:

Intravenous use

Name / corporate name of the PIP applicant:

Novartis Europharm Limited

Basis for opinion

Pursuant to Article 22 of Regulation (EC) No 1901/2006 as amended, Novartis Europharm Limited submitted to the European Medicines Agency on 25 July 2016 an application for modification of the agreed paediatric investigation plan with a deferral and a waiver as set out in the European Medicines Agency's decision P/0103/2015 issued on 11 May 2015.

The application for modification proposed changes to the agreed paediatric investigation plan and to the deferral.

The procedure started on 16 August 2016.

Scope of the modification

Some measures and timelines of the Paediatric Investigation Plan have been modified.

Opinion

1. The Paediatric Committee, having assessed the application in accordance with Article 22 of Regulation (EC) No 1901/2006 as amended, recommends as set out in the appended summary report:
 - to agree to changes to the paediatric investigation plan and to the deferral in the scope set out in the Annex I of this opinion.

The Norwegian Paediatric Committee member agrees with the above-mentioned recommendation of the Paediatric Committee.

2. The measures and timelines of the paediatric investigation plan and the subset(s) of the paediatric population and condition(s) covered by the waiver are set out in the Annex I.

This opinion is forwarded to the applicant and the Executive Director of the European Medicines Agency, together with its annex and appendix.

Annex I

The subset(s) of the paediatric population and condition(s) covered by the waiver and the measures and timelines of the agreed paediatric investigation plan (PIP)

1. Waiver

1.1. Condition

Treatment of B cell acute lymphoblastic leukaemia/lymphoblastic lymphoma

The waiver applies to:

- the paediatric population weighing less than 6 kg;
- cell suspension for infusion, intravenous use;
- on the grounds that the specific medicinal product does not represent a significant therapeutic benefit as clinical studies(s) are not feasible.

2. Paediatric investigation plan

2.1. Condition

Treatment of B cell acute lymphoblastic leukaemia/lymphoblastic lymphoma

2.1.1. Indication(s) targeted by the PIP

Treatment of CD19+ B cell acute lymphoblastic leukaemia (ALL) in paediatric patients whose disease is refractory to a standard chemotherapy regimen, relapsed after stem cell transplantation (SCT) or are ineligible for allogeneic SCT.

2.1.2. Subset(s) of the paediatric population concerned by the paediatric development

Less than 18 years of age and weighing at least 6 kg

2.1.3. Pharmaceutical form(s)

Cell suspension for infusion

2.1.4. Measures

Area	Number of measures	Description
Quality-related studies	0	Not applicable.
Non-clinical studies	0	Not applicable.

Area	Number of measures	Description
Clinical studies	4	Study 1 Open-label, single-arm, posology-finding study to evaluate safety and feasibility of administration of redirected autologous T cells engineered to contain anti-CD19 attached to TCRzeta and 4-1BB signalling domains (CAR-19 cells) in patients from 1 year to less than 18 years of age (and adults) with a chemotherapy-resistant or refractory CD19+ leukaemia or lymphoma. Study 2 Open-label, single-arm, single-dose study to evaluate safety and activity of CTL019 in patients from 3 to less than 18 years of age (and adults) with CD19+ B-cell acute lymphoblastic leukaemia/CD19+ B cell lymphoblastic lymphoma whose disease is refractory to a standard chemotherapy regimen, relapsed after stem cell transplantation (SCT) or are otherwise ineligible for allogeneic SCT. Study 3 Open-label, single-arm, single-dose study to evaluate safety and activity of CTL019 in patients from 3 to less than 18 years of age (and adults) with CD19+ B cell acute lymphoblastic leukaemia (ALL) whose disease is refractory to a standard chemotherapy regimen, relapsed after stem cell transplantation (SCT) or are otherwise ineligible for allogeneic SCT. Study 4 Open-label, two-cohort study to evaluate manufacturing and safety of CTL019 in children less than 3 years of age and weighing at least 6 kg with CD19+ B cell acute lymphoblastic leukaemia (ALL)/CD19+ B cell lymphoblastic lymphoma at high risk for relapse and at relapse/refractory stage.
Extrapolation, modelling and simulation studies	0	Not applicable.
Other measures	0	Not applicable.

3. Follow-up, completion and deferral of PIP

Concerns on potential long term safety/efficacy issues in relation to paediatric use:	Yes
Date of completion of the paediatric investigation plan:	By December 2021
Deferral for one or more measures contained in the paediatric investigation plan:	Yes