

**MHRA**  
10 South Colonnade  
Canary Wharf  
London  
E14 4PU  
United Kingdom

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## **Decision Cover Letter**

### **Decision of the licensing authority to:**

accept change(s) to the agreed paediatric investigation plan and to the deferral

MHRA-100524-PIP01-22-M01

### **Scope of the Application**

#### **Active Substance(s)**

gadopiclenol

#### **Condition(s)**

Diagnostic detection & visualisation of areas with BBB disruption and/or abnormal vascularity

#### **Pharmaceutical Form(s)**

Solution for injection

#### **Route(s) of Administration**

Intravenous use

#### **Name / Corporate name of the PIP applicant**

Guerbet

#### **Basis for the Decision**

Pursuant to the Human Medicines Regulations 2012, Guerbet submitted to the licensing authority on 27/04/2022 16:45 BST an application for a Modification

The procedure started on 20/07/2022 15:08 BST

1. The licensing authority, having assessed the application in accordance with the Human Medicines Regulations 2012, decides, as set out in the appended summary report:

to accept change(s) to the agreed paediatric investigation plan and to the deferral

2. The measures and timelines of the paediatric investigation plan are set out in the Annex I.

This decision is forwarded to the applicant, together with its annex and appendix.

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## Final Decision Letter

MHRA-100524-PIP01-22-M01

Of 29/07/2022 16:15 BST

On the adopted decision for gadopichlenol (MHRA-100524-PIP01-22-M01) in accordance with the Human Medicines Regulations 2012.

The licensing authority, in accordance with the Human Medicines Regulations 2012, has adopted this decision:

Agreement on modification of a paediatric investigation plan (including modification of a waiver or deferral included in that paediatric investigation plan)

This decision applies to a Modification for gadopichlenol, Solution for injection , Intravenous use .

This decision is addressed to Guerbet, BP 57400, Roissy CdG Cedex, FRANCE, 95943

## ANNEX I

### 1. Waiver

#### 1.1 Condition:

Not applicable

### 2. Paediatric Investigation Plan:

#### 2.1 Condition(s):

Detection and visualisation of areas with disruption of the blood brain barrier and/or abnormal vascularity for diagnostic purposes

#### 2.2 Indication(s) targeted by the PIP:

Body MRI to detect and visualise lesions and abnormalities within the head and neck, thorax, abdomen, pelvis, and musculoskeletal system

### 2.3 Subset(s) of the paediatric population concerned by the paediatric development:

All subsets of the paediatric population from birth to less than 18 years of age

### 2.4 Pharmaceutical Form(s):

Solution for injection

### 2.5 Studies:

Study Type	Number of Studies	Study Description
Quality Measures	1	Study 1 Development of an additional volume for the solution for injection to avoid risk of overdose. (Same as Study 1 in MHRA-100523-PIP01-22-M01 and its subsequent modifications)
Non-Clinical Studies	2	Study 2 Dose-range finding toxicity study in rats to determine the toxicity of gadopichlenol in the neonatal and juvenile (pre-post weaning) rats in order to determine appropriate dose levels for the definitive juvenile rat study. (Study the same as Study 2 in MHRA-100523-PIP01-22-M01 and its subsequent modifications) Study 3 Definitive juvenile toxicity study to determine the toxicity of gadopichlenol in the neonatal and juvenile (pre-post weaning) rats (Same as Study 3 in MHRA-100523-PIP01-22-M01 and its subsequent modifications)
Clinical Studies	2	Study 4 (GDX-44-007) Non-comparative pharmacokinetics, efficacy and safety study in children from 2 to less than 18 years of age presenting central nervous system (CNS) lesions (intracranial, spine and associated tissues), who are scheduled to undergo routine contrast-enhanced MRI of CNS or body (Same as Study 4 in MHRA-100523-PIP01-22-M01 and its subsequent modifications) Study 5 (GDX-44-015) Non-comparative pharmacokinetic, efficacy and safety study in children from birth to less than 2 years of age scheduled to undergo routine contrast-enhanced MRI of CNS or body. (Same

		as Study 5 in MHRA-100523-PIP01-22-M01 and its subsequent modifications)
<b>Extrapolation, Modeling &amp; Simulation Studies</b>	0	Not applicable
<b>Other Studies</b>	0	Not applicable
<b>Other Measures</b>	0	Not applicable

### 3. Follow-up, completion and deferral of a PIP:

<b>Concerns on potential long term safety and efficacy issues in relation to paediatric use:</b>	No
<b>Date of completion of the paediatric investigation plan:</b>	31/03/2024
<b>Deferral of one or more studies contained in the paediatric investigation plan:</b>	Yes