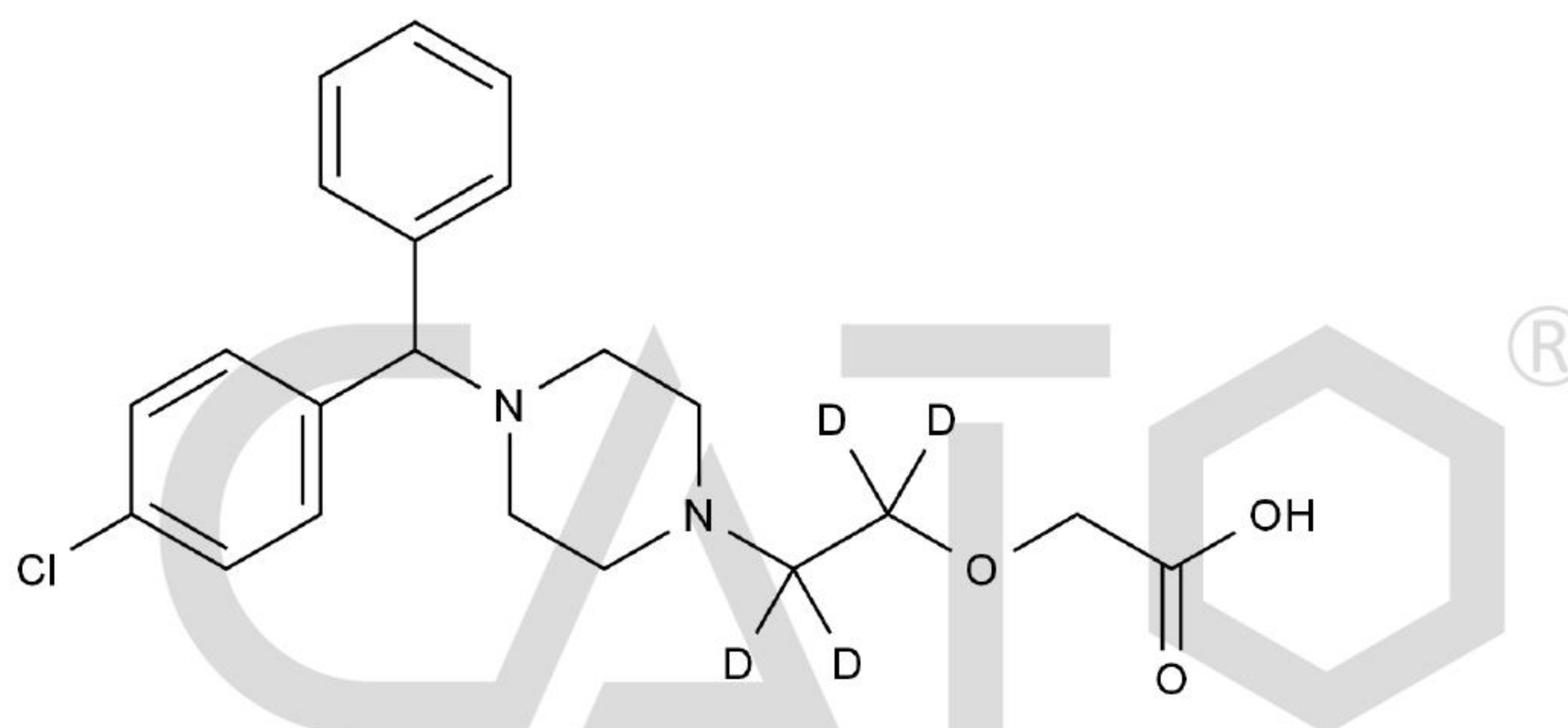


Certificate of Analysis

Reference Material & Standard

Product Name:	(±)-Cetirizine-d4 (ethoxy-d4)	Catalogue Number:	CCAD302570
Synonyms:	N/A	Lot Number:	1123-RG-0065
CAS Number:	1219803-84-5	Expiry Date:	Nov 19, 2028
Molecular Formula:	C ₂₁ H ₂₁ D ₄ ClN ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	392.91	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	95.2%
Isotopic Purity		100.0%
Uncertainty		±1.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 26, 2025

Date: Nov 27, 2025

Date: Nov 27, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

