

Certificate of Analysis

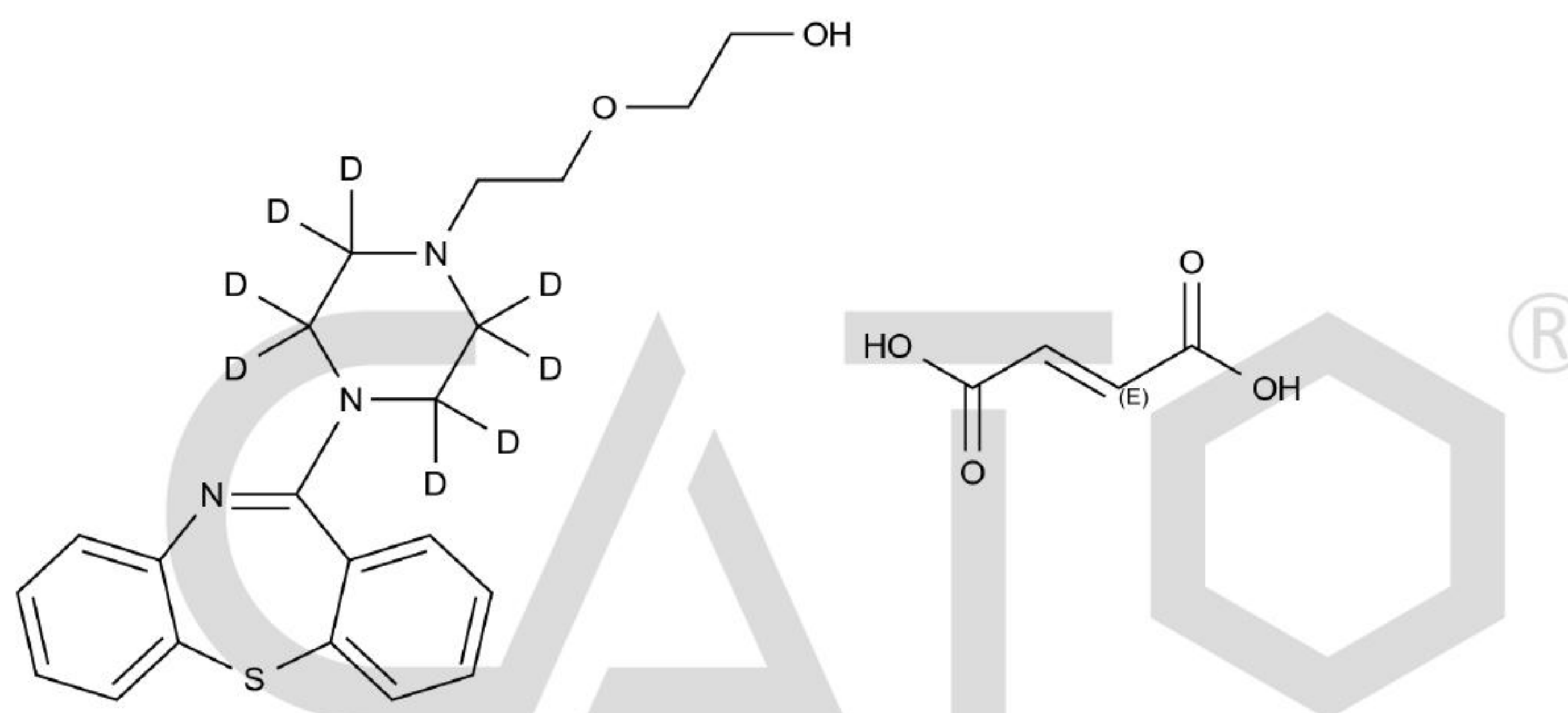
Reference Material & Standard

Product Name:	Quetiapine-d8 Fumarate	Catalogue Number:	CCAD303059
Synonyms:	N/A	Lot Number:	0728-RD-0022
CAS Number:	1185247-12-4	Expiry Date:	Mar 10, 2025
Molecular Formula:	$C_{21}H_{17}D_8N_3O_2S \cdot C_4H_4O_4$	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	391.56 116.07	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	NMR	97.0%
Isotopic Purity		99.40%
Uncertainty		±2.0%

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:

Xenia

Reviewed by:

Cady

Approved by General Manager:

David



Date: Mar 11, 2021

Date: Jul 29, 2022

Date: Jul 29, 2022

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