

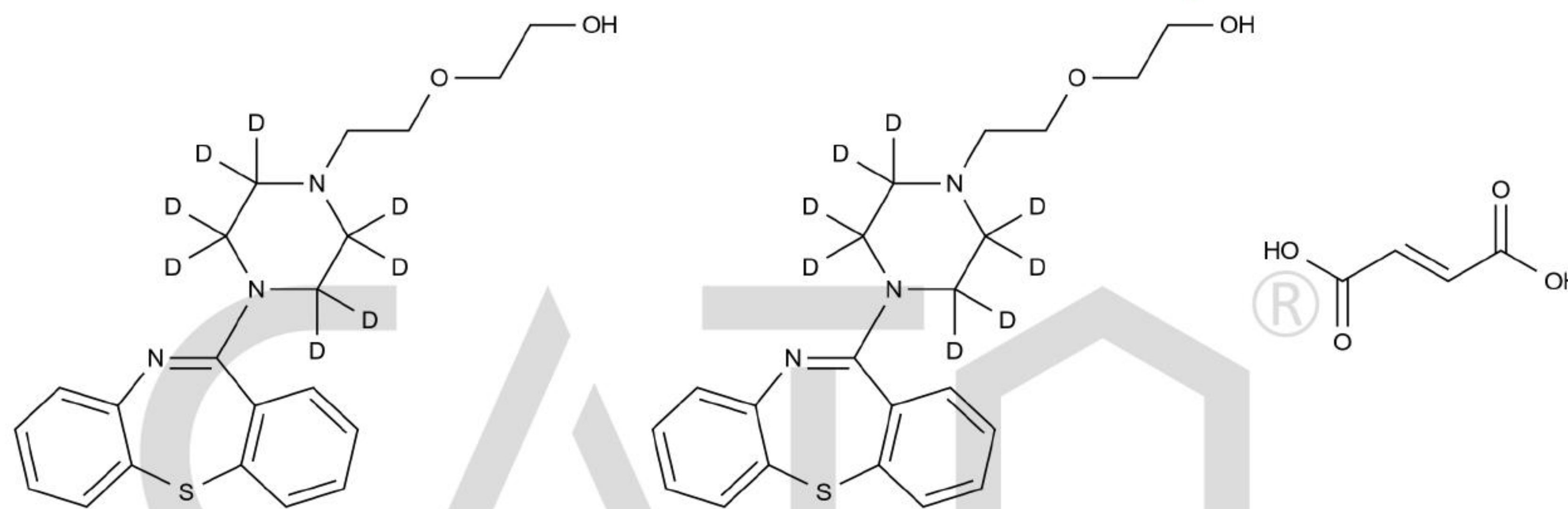
Certificate of Analysis

Reference Material & Standard

Product Name:	Quetiapine-d8 Hemifumarate	Catalogue Number:	CCAD303518
Synonyms:	N/A	Lot Number:	0102-RG-0059
CAS Number:	1435938-24-1	Expiry Date:	Jun 29, 2026
Molecular Formula:	2*C ₂₁ H ₁₇ D ₈ N ₃ O ₂ S C ₄ H ₄ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*391.56 116.07	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.4%
Isotopic Purity		95.8%
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:

Lisa

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jan 03, 2025

Date: Jan 03, 2025

Date: Jan 03, 2025

