

Certificate of Analysis

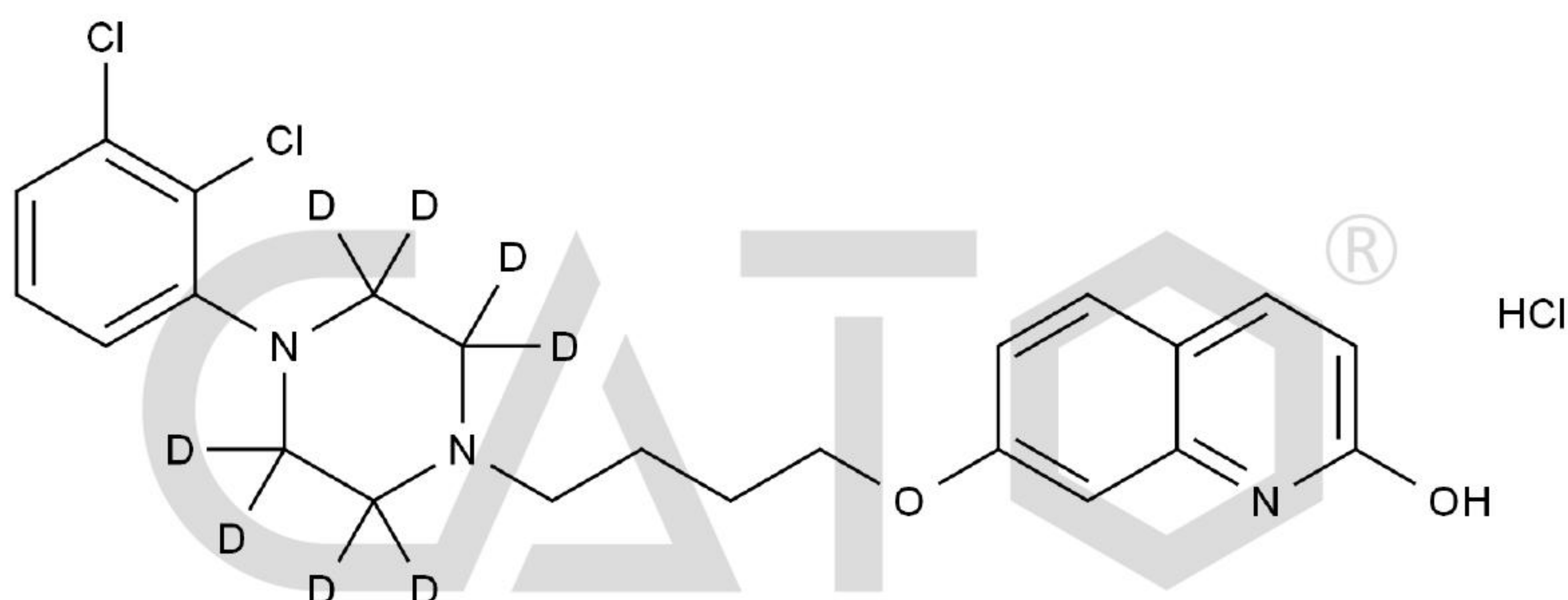
Reference Material & Standard

Product Name:	Dehydro Aripiprazole-d8 Hydrochloride	Catalogue Number:	CCAD302527
Synonyms:	N/A	Lot Number:	0427-RH-0135
CAS Number:	1215383-78-0	Expiry Date:	Apr 26, 2029
Molecular Formula:	C ₂₃ H ₁₇ D ₈ Cl ₂ N ₃ O ₂ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	454.42 36.46	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		99.02% (D8%: 92.17%; D7%: 7.83%)
Uncertainty		±0.1%

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: Apr 29, 2026

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