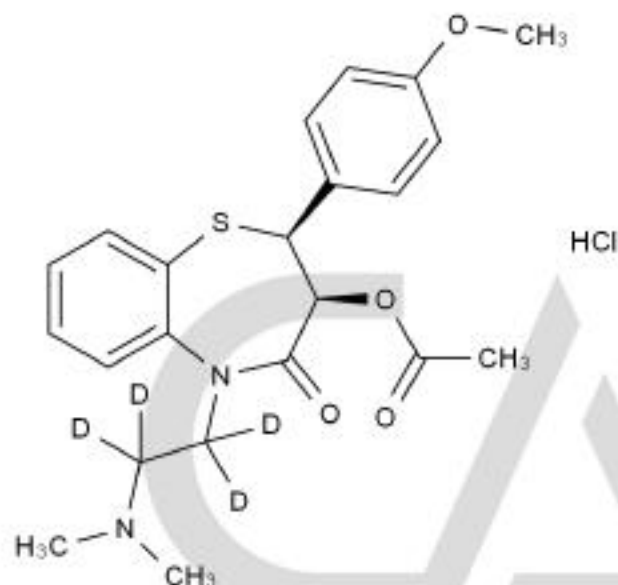


Certificate of Analysis

Reference Material & Standard

Product Name:	Diltiazem-d4 Hydrochloride	Catalogue Number:	C4X-136813
Synonyms:	N/A	Lot Number:	1223-SA-7564
CAS Number:	1217769-52-2	Expiry Date:	Dec 22, 28
Molecular Formula:	C ₂₂ H ₂₂ D ₄ N ₂ O ₄ S HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	418.54 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	97.333%

Signature:

Prepared by:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Dec 23, 24

Date: Dec 23, 24

Date: Dec 23, 24



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Email: supports@cato-chem.com

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Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Dec 23, 24	First release.

