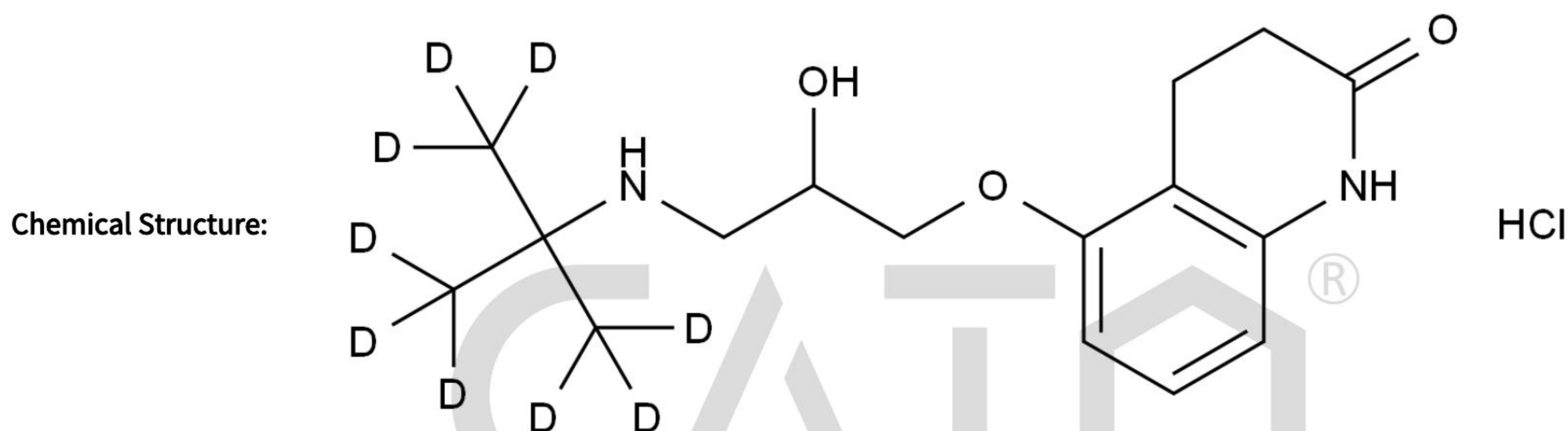


Certificate of Analysis

Reference Material & Standard

Product Name:	Carteolol-d9 Hydrochloride	Catalogue Number:	CCHM702779
Synonyms:	N/A	Lot Number:	1216-RF-0060
CAS Number:	1346602-13-8	Expiry Date:	Mar 07, 2028
Molecular Formula:	C ₁₆ H ₁₅ D ₉ N ₂ O ₃ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	301.43 36.46		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	97.9%
Isotopic Purity		99.4%
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: Dec 16, 2024

Date: Dec 17, 2024

Date: Dec 17, 2024

