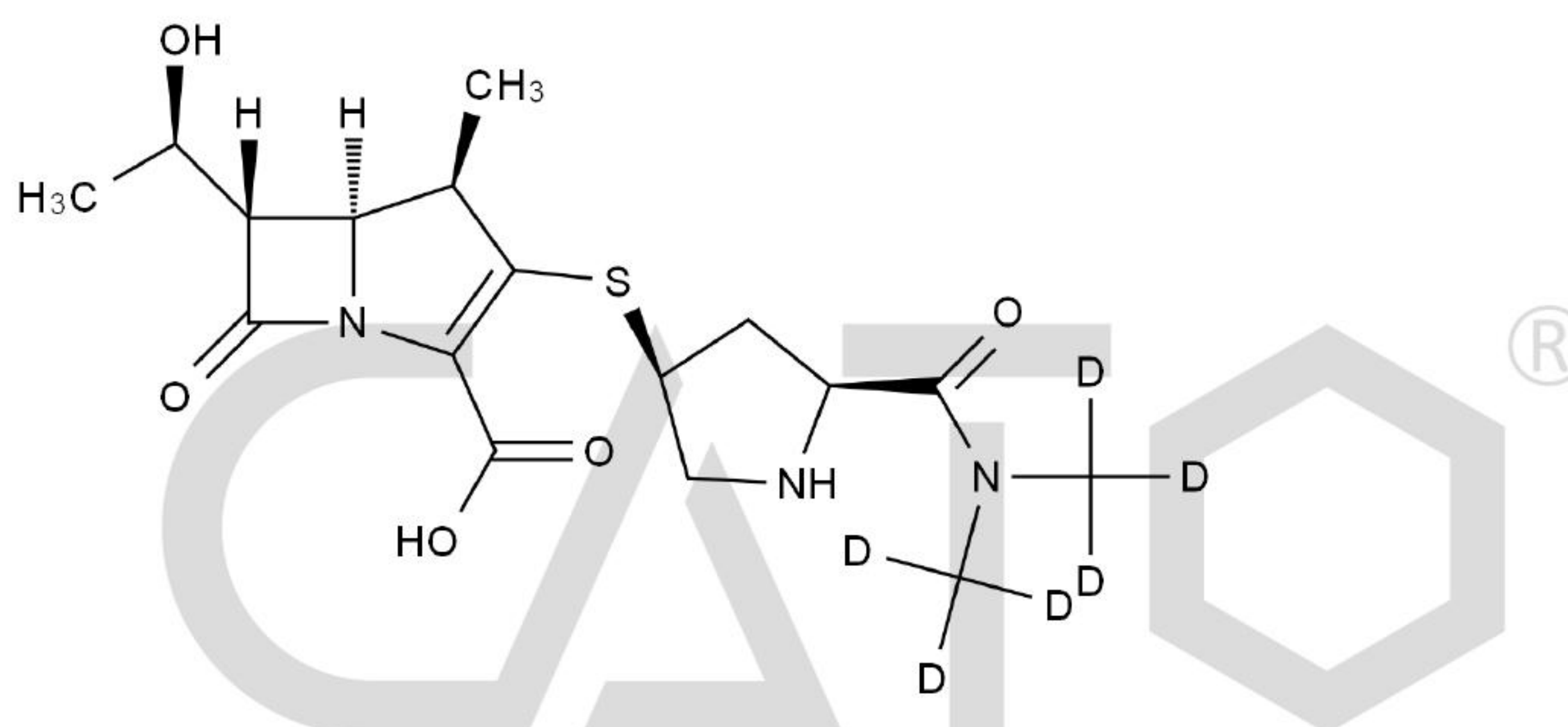


Certificate of Analysis

Reference Material & Standard

Product Name:	Meropenem-d6	Catalogue Number:	CCAD301425
Synonyms:	N/A	Lot Number:	0616-RH-0086
CAS Number:	1217976-95-8	Expiry Date:	Nov 18, 2028
Molecular Formula:	C ₁₇ H ₁₉ D ₆ N ₃ O ₅ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	389.50	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	98.2%
Isotopic Purity		99.41%(D6: 96.46%; D5: 3.54%)
Uncertainty		±0.4%

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:

Hin Lam

Approved by General Manager:

David

Date: Jun 17, 2026

Date: Jun 17, 2026

Date: Jun 17, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

