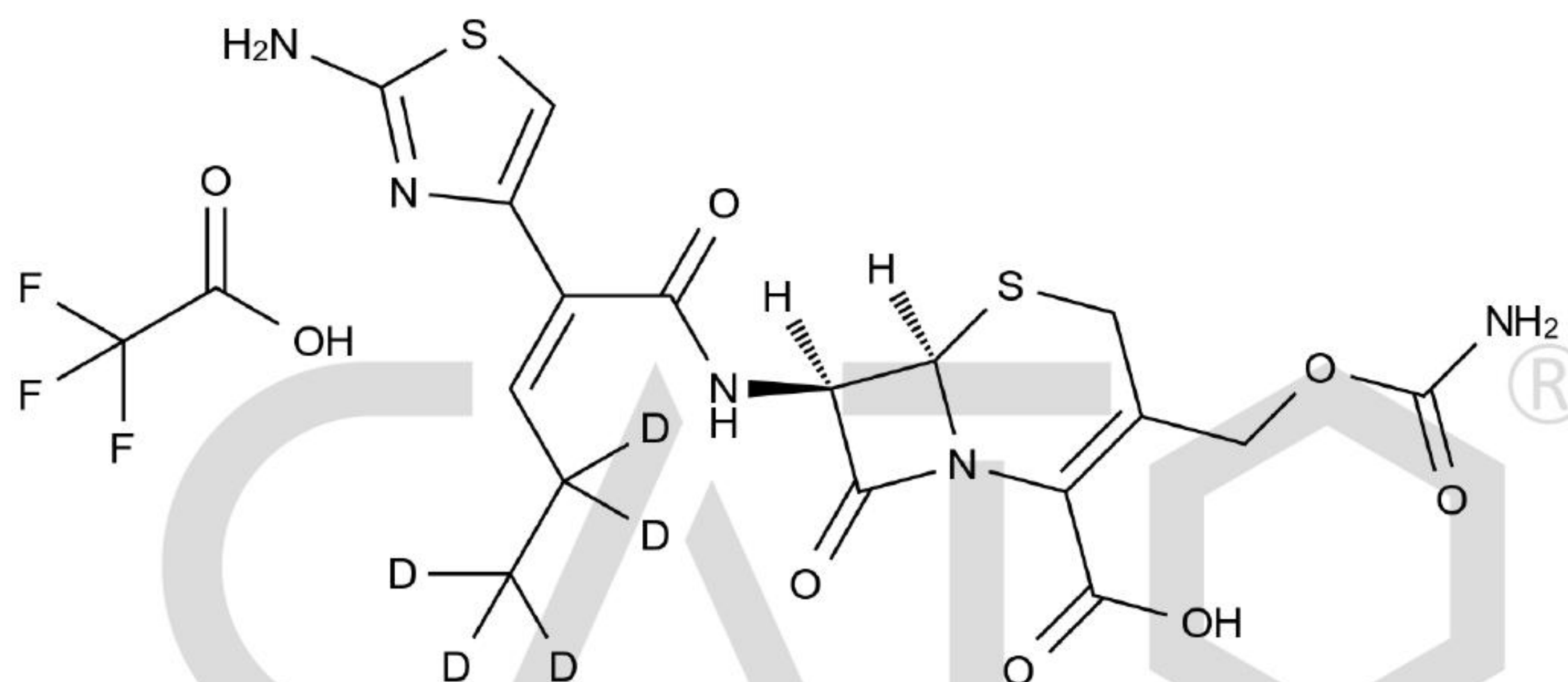


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefcapene-d5 Trifluoroacetate	Catalogue Number:	C4X-182483
Synonyms:	N/A	Lot Number:	0520-RH-0116
CAS Number:	135889-00-8 (non-labelled, free base)	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₁₇ H ₁₄ D ₅ N ₅ O ₆ S ₂ C ₂ HF ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	458.52 114.02	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	97.5%
Isotopic Purity		98.2%
Specific Rotation		[α] _D ²⁰ 0.0 (C=0.41, DMSO): +50.0°
Assay	qNMR	91.8%

Comment:

The compound contains 1.5% isomeric impurity (RT 11.47) according to its HPLC and LC-MS.

Signature:

Prepared by:

Jim

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: May 21, 2026

Date: May 21, 2026

Date: May 21, 2026



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