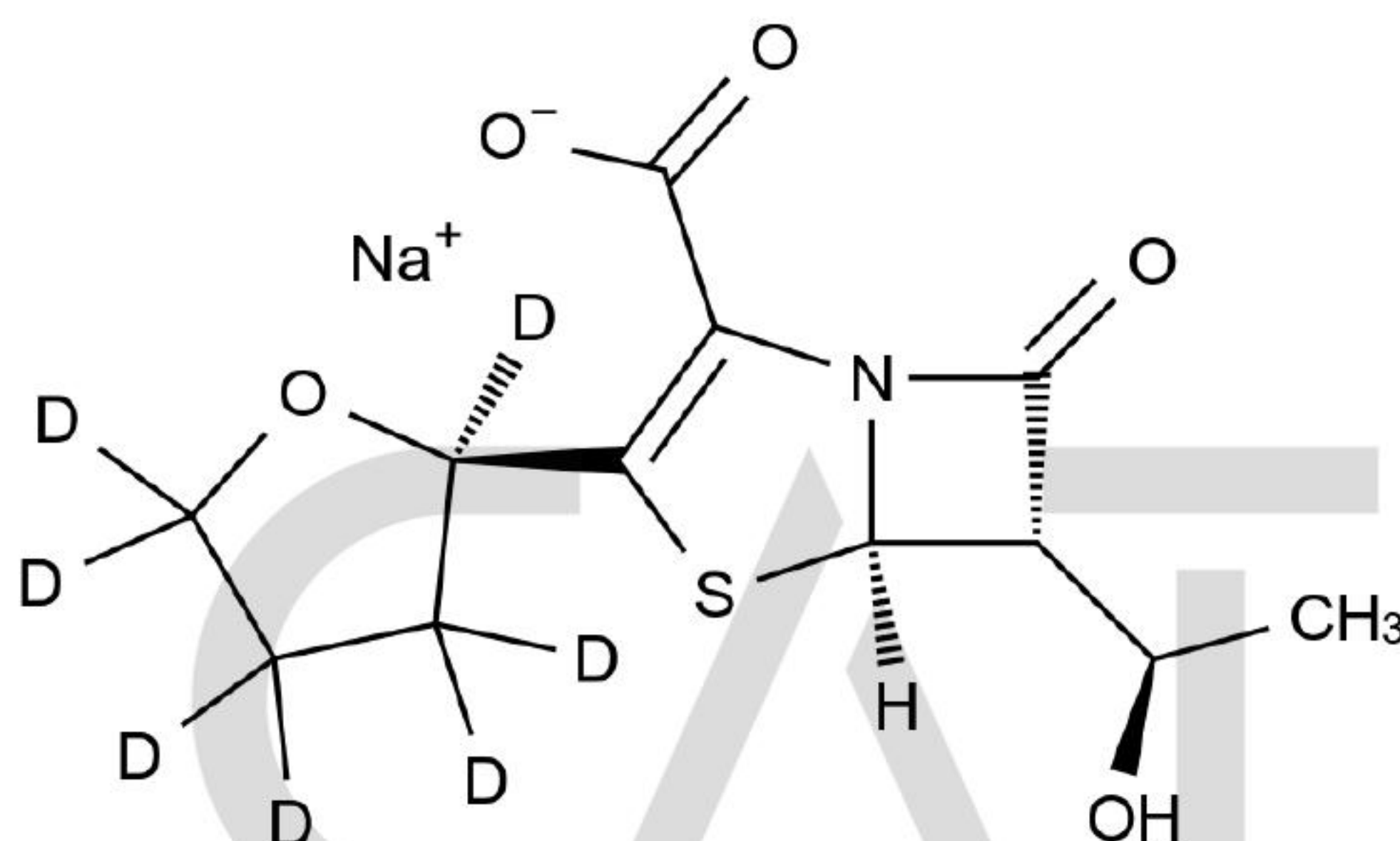


Certificate of Analysis

Reference Material & Standard

Product Name:	Faropenem-d7 Sodium Salt	Catalogue Number:	C4X-128948
Synonyms:	N/A	Lot Number:	0111-RF-0005
CAS Number:	122547-49-3 (unlabelled)	Expiry Date:	Mar 13, 2026
Molecular Formula:	C ₁₂ H ₇ D ₇ NO ₅ S Na	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	291.35 22.99	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Chemical Purity	HPLC	99.8%
Isotopic Purity		98.9
Specific Rotation		[α] _D 20.0(c=0.31,H ₂ O): +132.5°
Assay	qNMR	93.9%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jan 12, 2024

Date: Jan 12, 2024

Date: Jan 12, 2024



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