

Certificate of Analysis

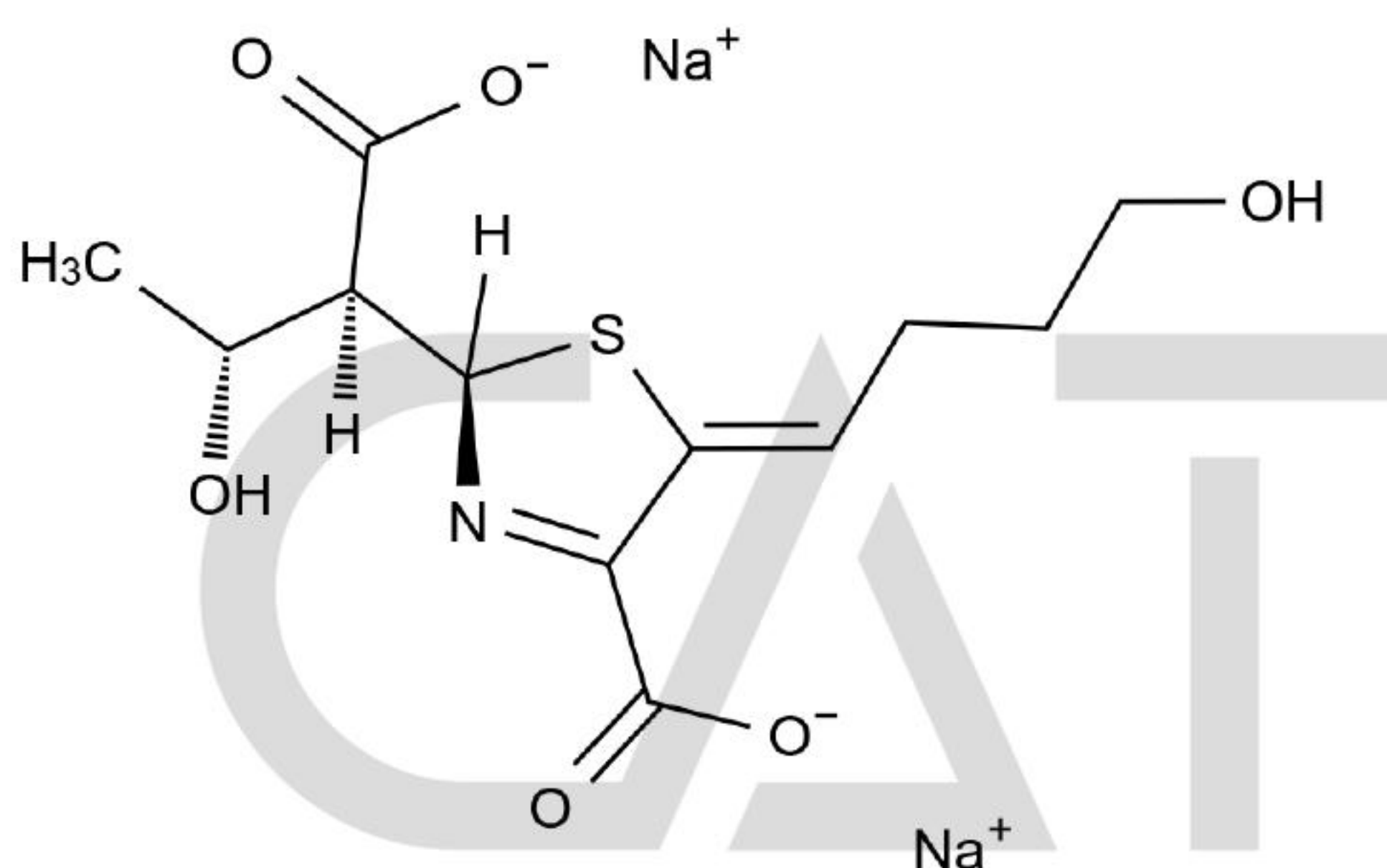
Reference Material & Standard

Product Name:	Faropenem Impurity 15 Disodium salt	Catalogue Number:	C1205351
Synonyms:	N/A	Lot Number:	0128-RH-0081
CAS Number:	130535-75-0	Expiry Date:	May 08, 2029
Molecular Formula:	C ₁₂ H ₁₅ NO ₆ S 2*Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	301.32 2*22.99	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.805 %
Water Content	Karl Fischer	8.32%
Residual Solvents	NMR	Not detected in NMR
Assay		90.6%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Feb 02, 2026

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