

Certificate of Analysis

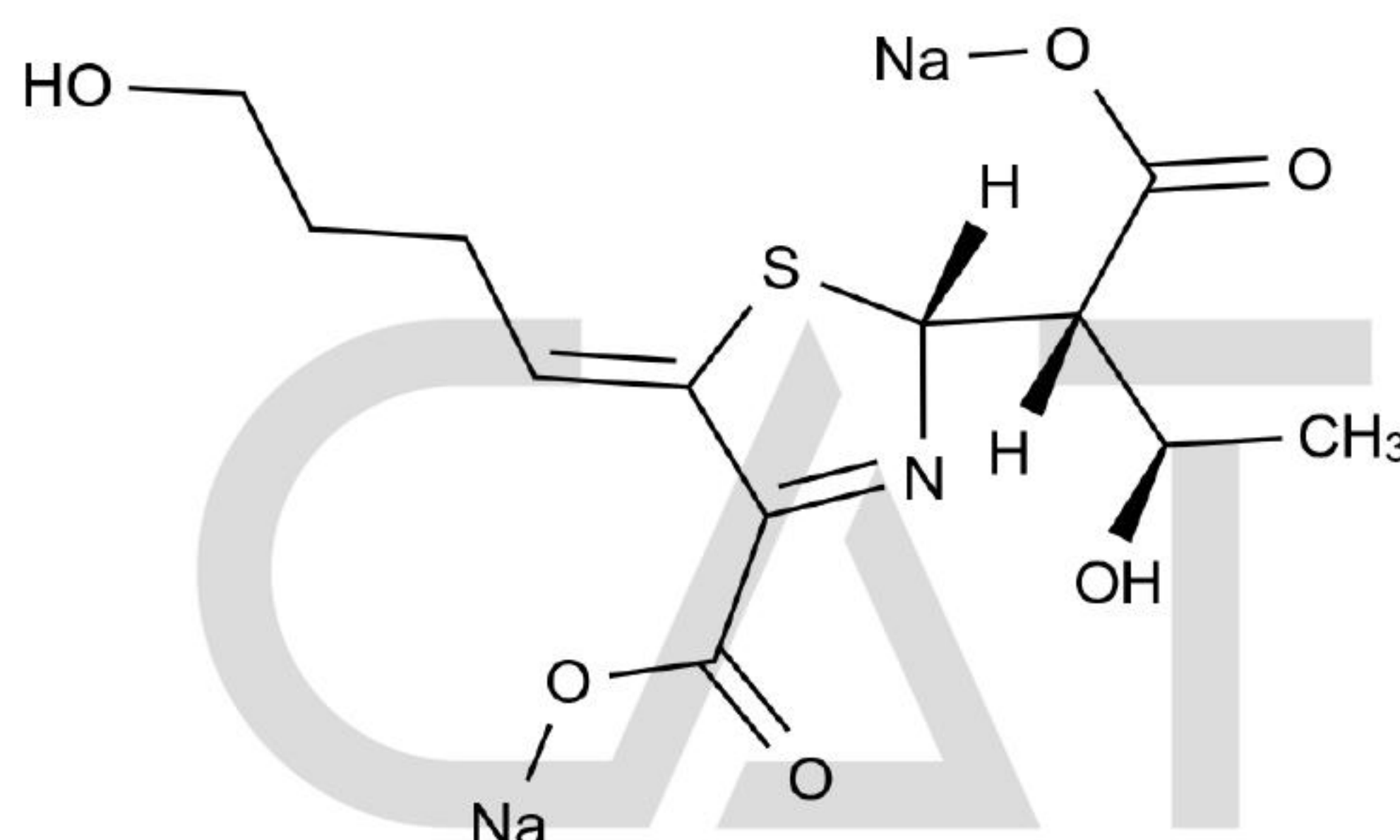
Reference Material & Standard

Product Name:	Faropenem Impurity 11 Disodium Salt	Catalogue Number:	C1205660
Synonyms:	N/A	Lot Number:	0304-RH-0104
CAS Number:	130609-10-8	Expiry Date:	Feb 28, 2030
Molecular Formula:	C ₁₂ H ₁₅ NNa ₂ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.30	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.966%
Water Content	Karl Fischer	5.56%
Residual Solvents	NMR	Not detected in NMR
Assay		93.5%

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:

Prepared by:

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Reviewed by:

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Approved by General Manager:

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Date: May 08, 2026

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