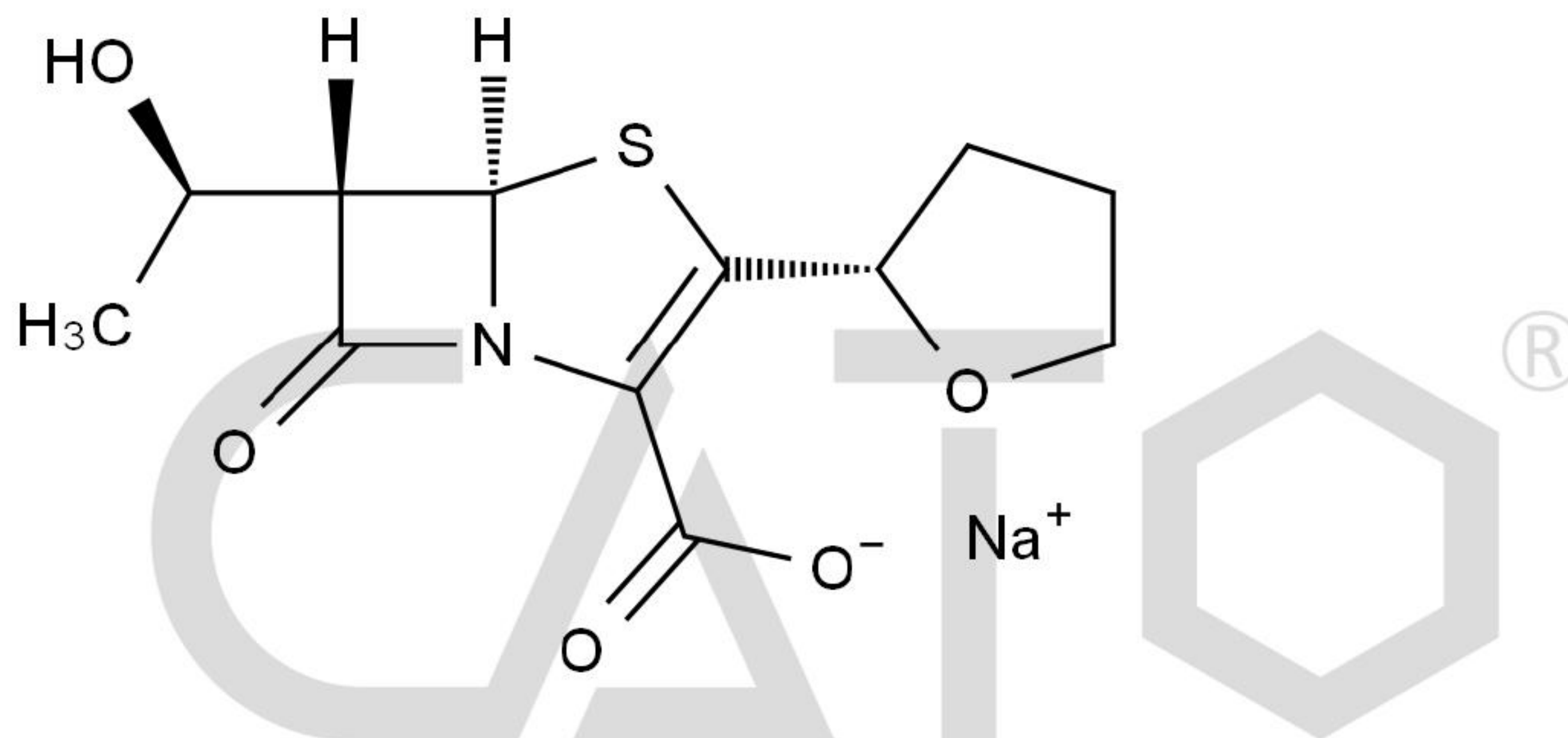


Certificate of Analysis

Reference Material & Standard

Product Name:	Faropenem Impurity 1	Catalogue Number:	C4X-12891
Synonyms:	N/A	Lot Number:	1120-RE-0062
CAS Number:	195716-77-9	Expiry Date:	Aug 10, 2025
Molecular Formula:	C ₁₂ H ₁₄ NO ₅ S Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	284.31 22.99	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Orange Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8%
Optical Rotation		[α] _D ^{25.0} (c=0.33,H ₂ O): +120.2°
Assay	qNMR	87.9%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Nov 21, 2023

Date: Nov 22, 2023

Date: Nov 22, 2023

