

Certificate of Analysis

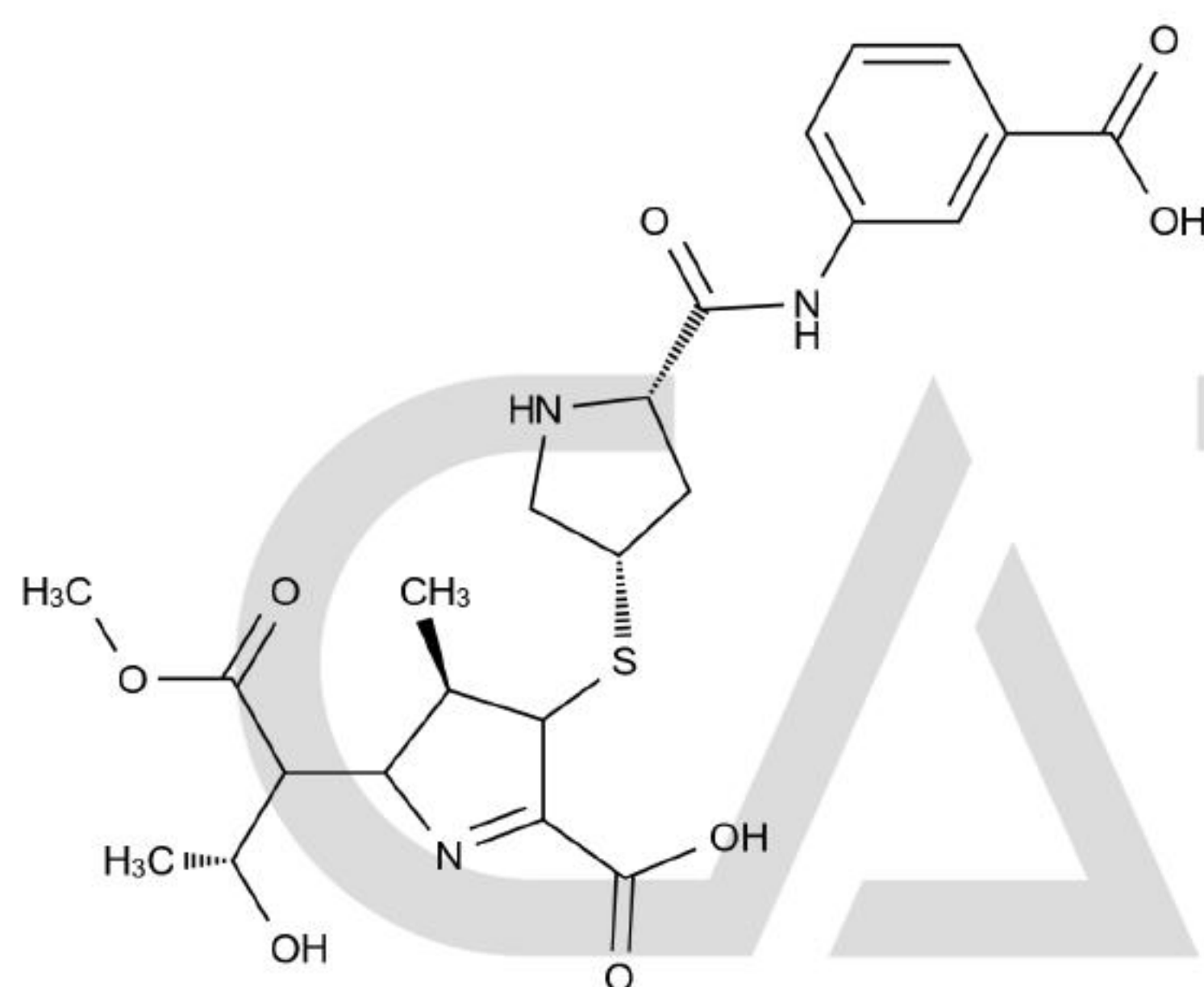
Reference Material & Standard

Product Name:	(4R) - Etapenem open-loop methyl ester	Catalogue Number:	C4X-163336
Synonyms:	N/A	Lot Number:	0920-RE-0025
CAS Number:	N/A	Expiry Date:	May 31, 2025
Molecular Formula:	C ₂₂ H ₂₇ N ₃ O ₉ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	509.53		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.0%
Assay	qNMR	90.0%

Comment:

Assay was determined by quantitative ¹H-NMR.
Mixture of Tautomer.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 27, 2023

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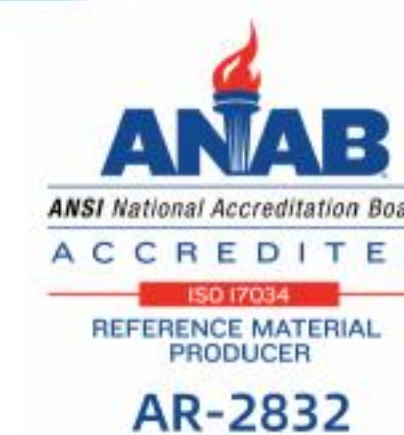
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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