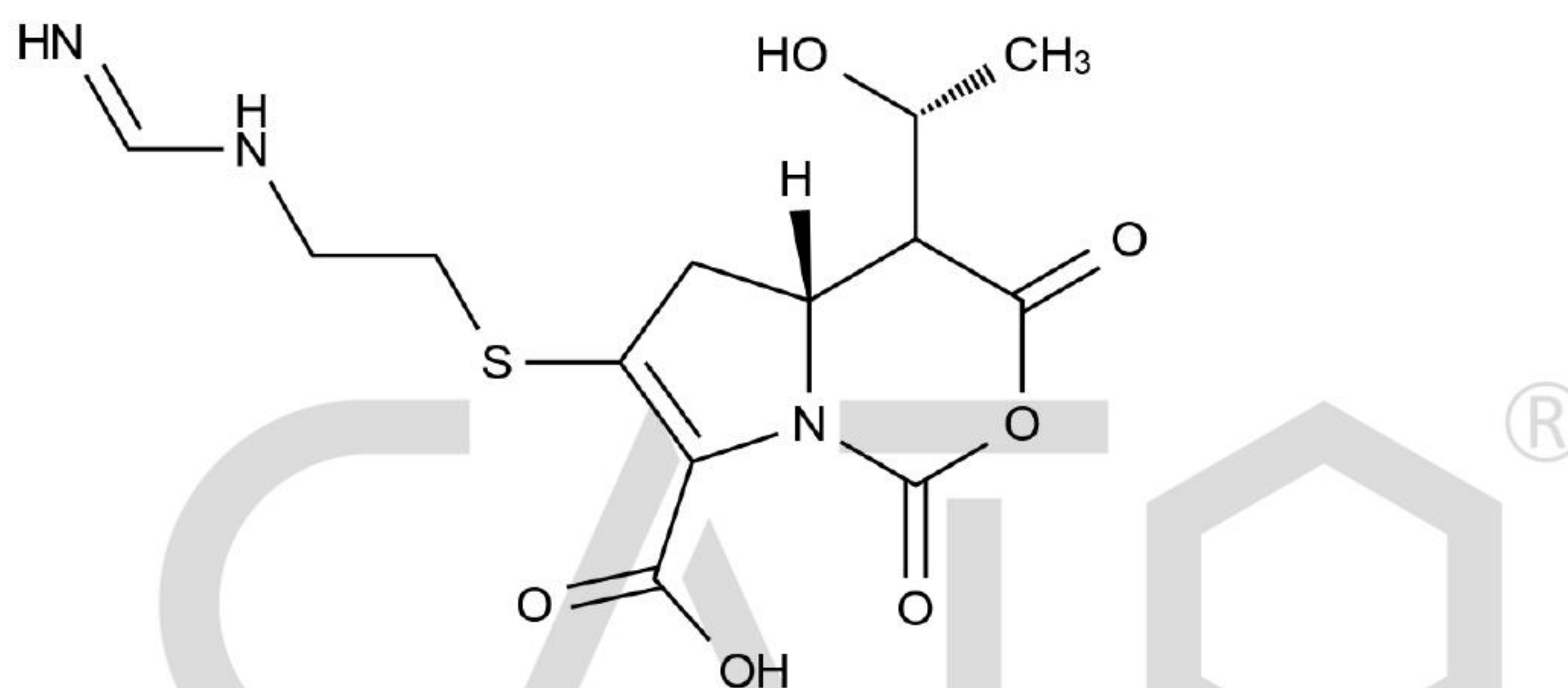


Certificate of Analysis

Reference Material & Standard

Product Name:	Imipenem Impurity 105	Catalogue Number:	C4X-1662105
Synonyms:	N/A	Lot Number:	1115-RF-0083
CAS Number:	N/A	Expiry Date:	Dec 25, 2025
Molecular Formula:	C ₁₃ H ₁₇ N ₃ O ₆ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	343.36		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	91.0%
Assay	qNMR	87.7%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Nov 20, 2024

Date: Nov 21, 2024

Date: Nov 21, 2024

