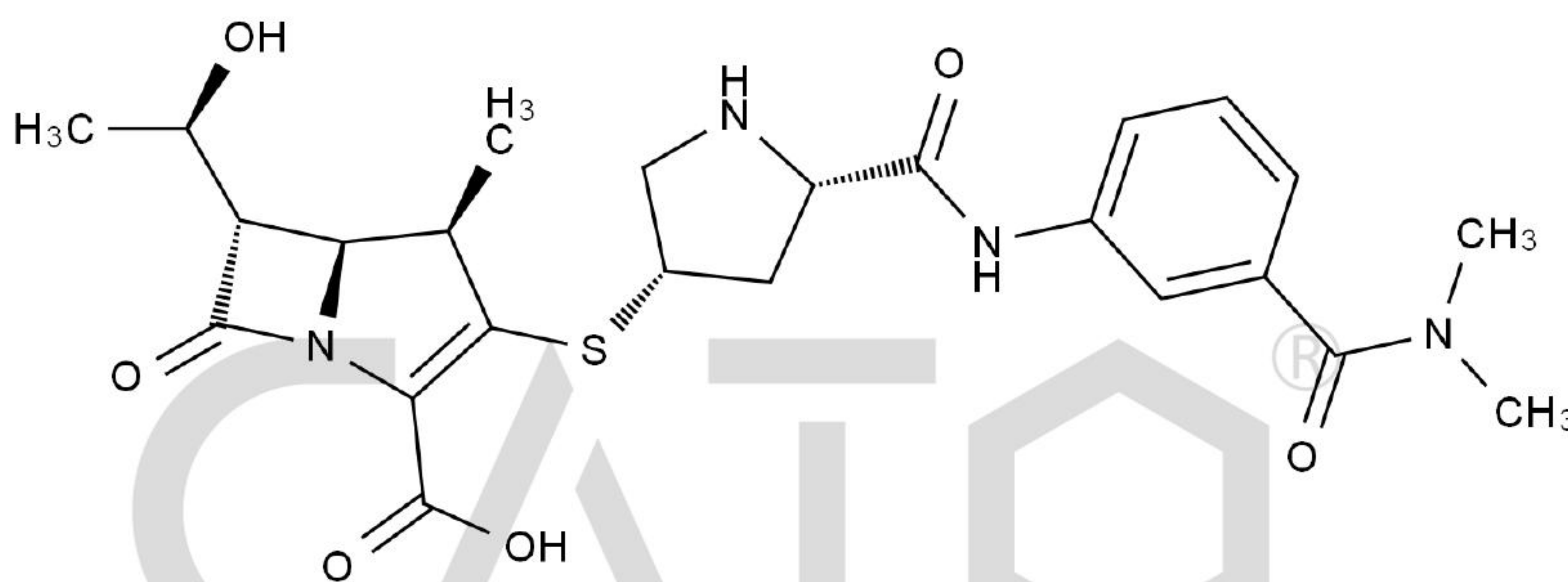


Certificate of Analysis

Reference Material & Standard

Product Name:	Ertapenem Impurity 18	Catalogue Number:	C4X-163318
Synonyms:	N/A	Lot Number:	1022-RF-0002
CAS Number:	N/A	Expiry Date:	Jul 16, 2027
Molecular Formula:	C ₂₄ H ₃₀ N ₄ O ₆ S	Storage:	-80°C±5°C Protected from light and Sealed
Molecular Weight:	502.58		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.3%
Assay	qNMR	89.2%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 29, 2024

Date: Oct 29, 2024

Date: Oct 29, 2024

