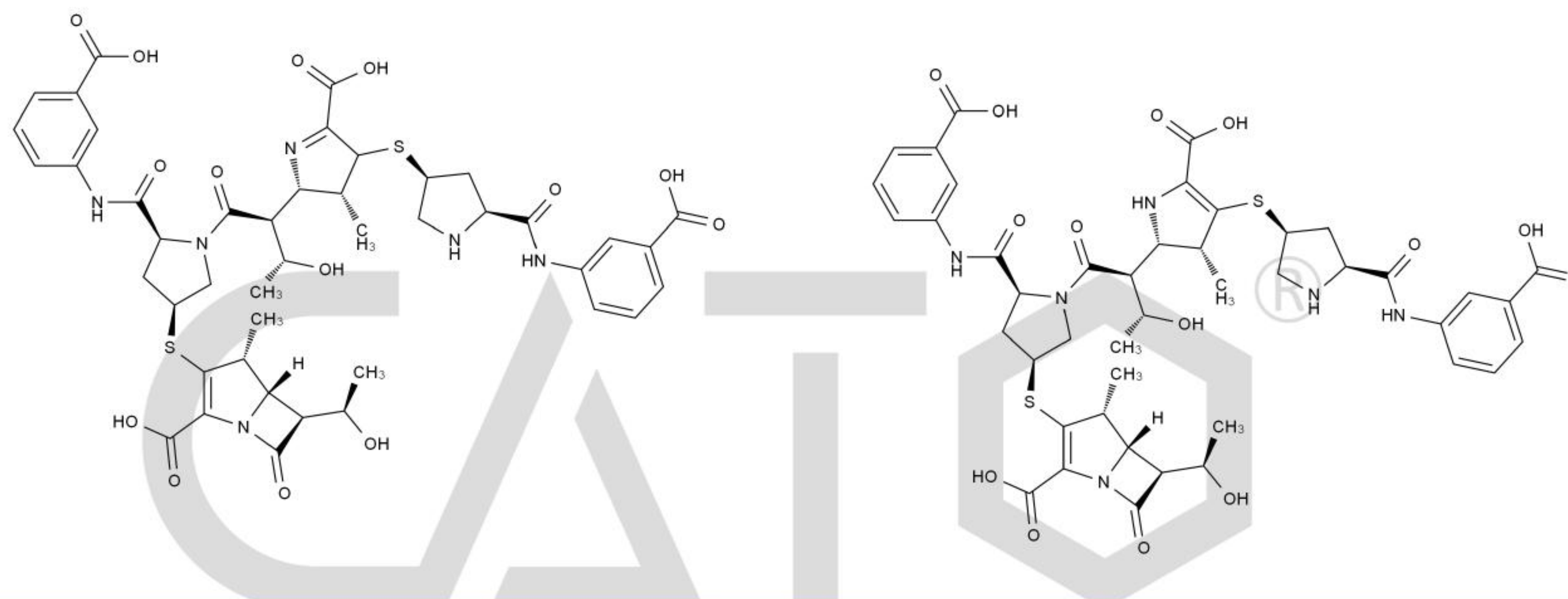


Certificate of Analysis

Reference Material & Standard

Product Name:	Ertapenem Impurity 31	Catalogue Number:	C4X-163331
Synonyms:	N/A	Lot Number:	1030-RG-0024
CAS Number:	N/A	Expiry Date:	Nov 02, 2029
Molecular Formula:	2*C ₄₄ H ₅₀ N ₆ O ₁₄ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*951.03	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	94.02%
Loss On Drying	TGA	11.3068%
Assay		83.4%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 03, 2025

Date: Nov 04, 2025

Date: Nov 04, 2025



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