

Certificate of Analysis

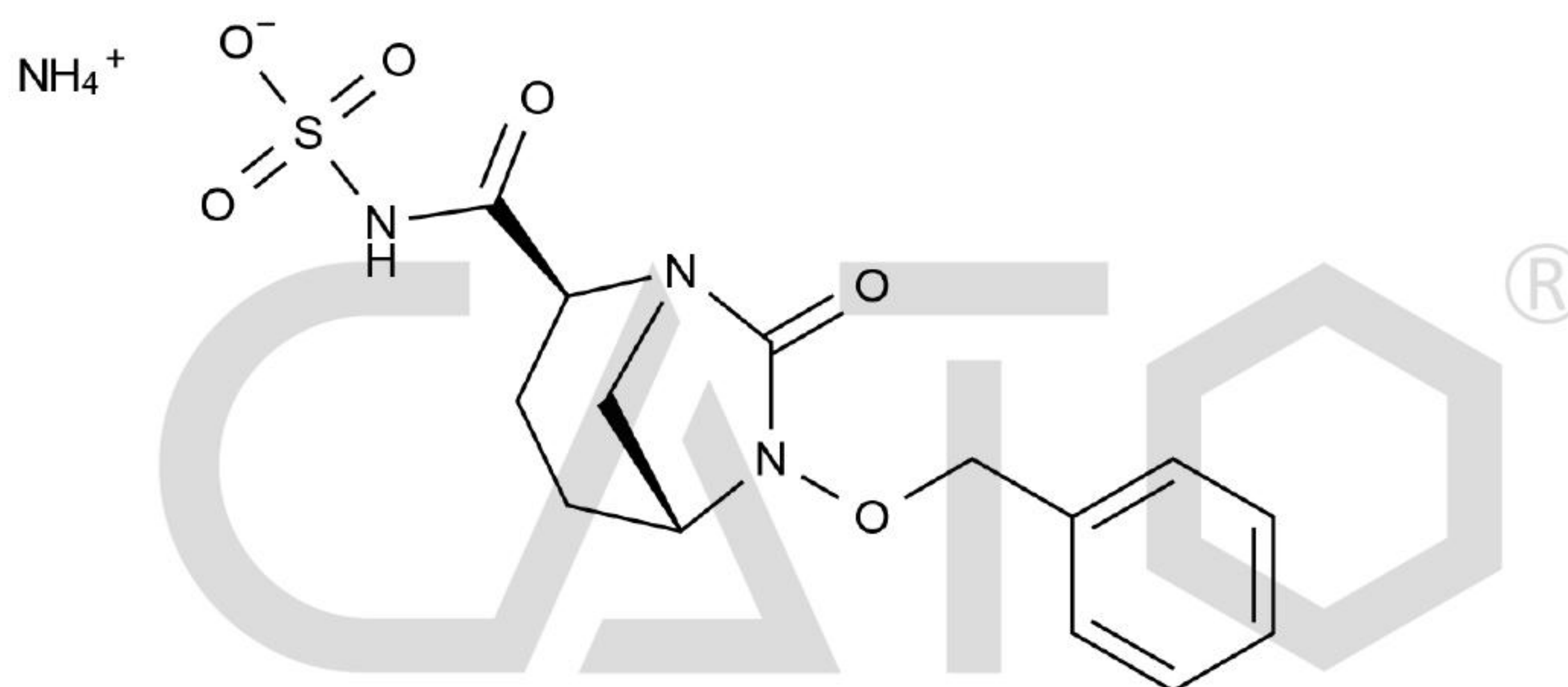
Reference Material & Standard

Product Name:	Avibactam Impurity 47	Catalogue Number:	C4X-134847
Synonyms:	N/A	Lot Number:	1226-RF-0061
CAS Number:	N/A	Expiry Date:	Dec 29, 2027
Molecular Formula:	C ₁₄ H ₁₆ N ₃ O ₆ S H ₄ N	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	354.36 18.04		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.0518%
Loss on Drying	TGA	1.599%
Assay		96.5%

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:

Lily

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 08, 2025

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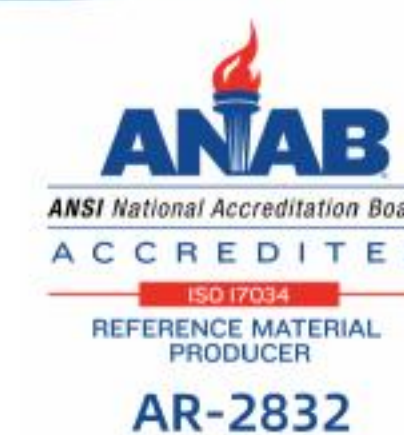
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