

Certificate of Analysis

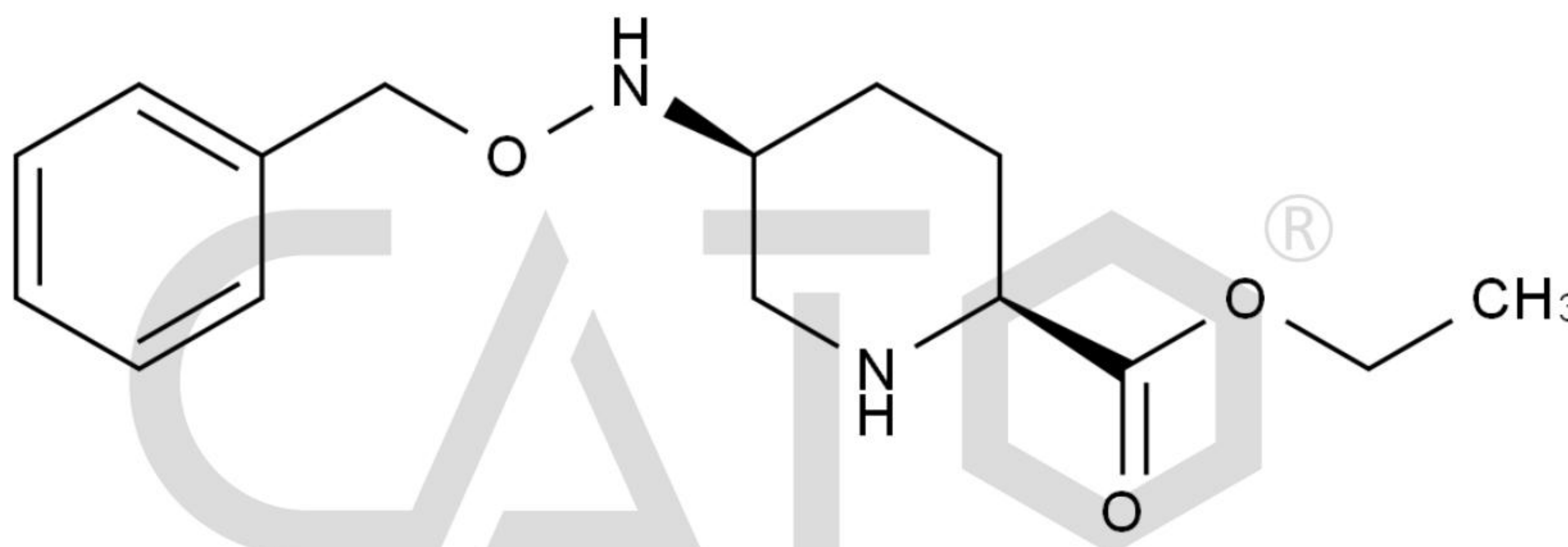
Reference Material & Standard

Product Name:	Avibactam Impurity 9	Catalogue Number:	C4X-13489
Synonyms:	N/A	Lot Number:	1128-RG-0030
CAS Number:	2085372-13-8	Expiry Date:	Nov 26, 2029
Molecular Formula:	C ₁₅ H ₂₂ N ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	278.35	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Oil
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.1966%
Loss On Drying	TGA	0.272%
Assay		97.9%

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:

Reviewed by:

Approved by General Manager:

Date: Dec 01, 2025

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