

Certificate of Analysis

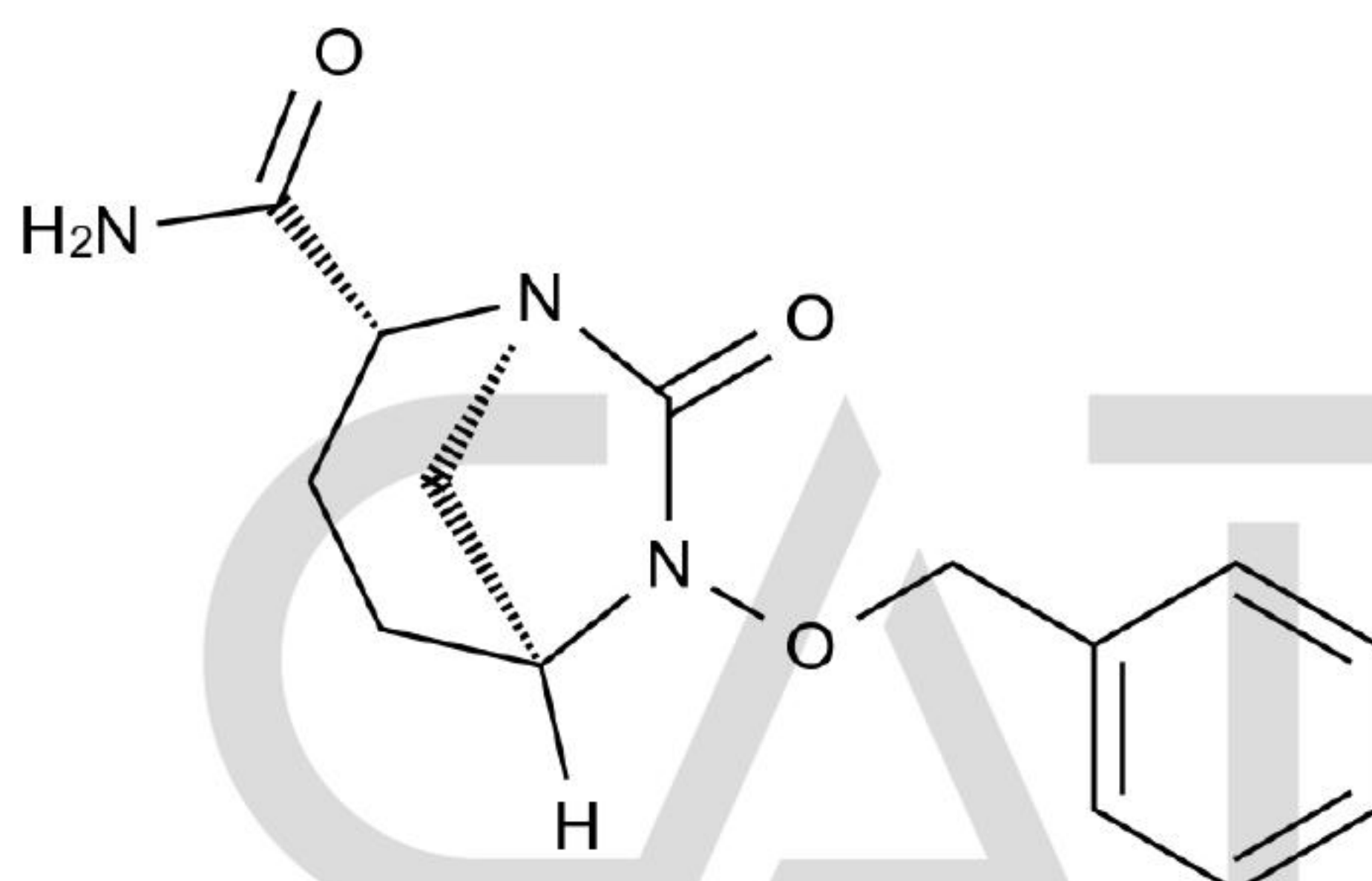
Reference Material & Standard

Product Name:	Avibactam Impurity 46	Catalogue Number:	C4X-134846
Synonyms:	N/A	Lot Number:	1128-RF-0048
CAS Number:	1383814-72-9	Expiry Date:	Dec 02, 2027
Molecular Formula:	C ₁₄ H ₁₇ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	275.30	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.581%
Loss on Drying	TGA	0.1019%
Assay		98.5%

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:

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Approved by General Manager:

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Date: Aug 28, 2026

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