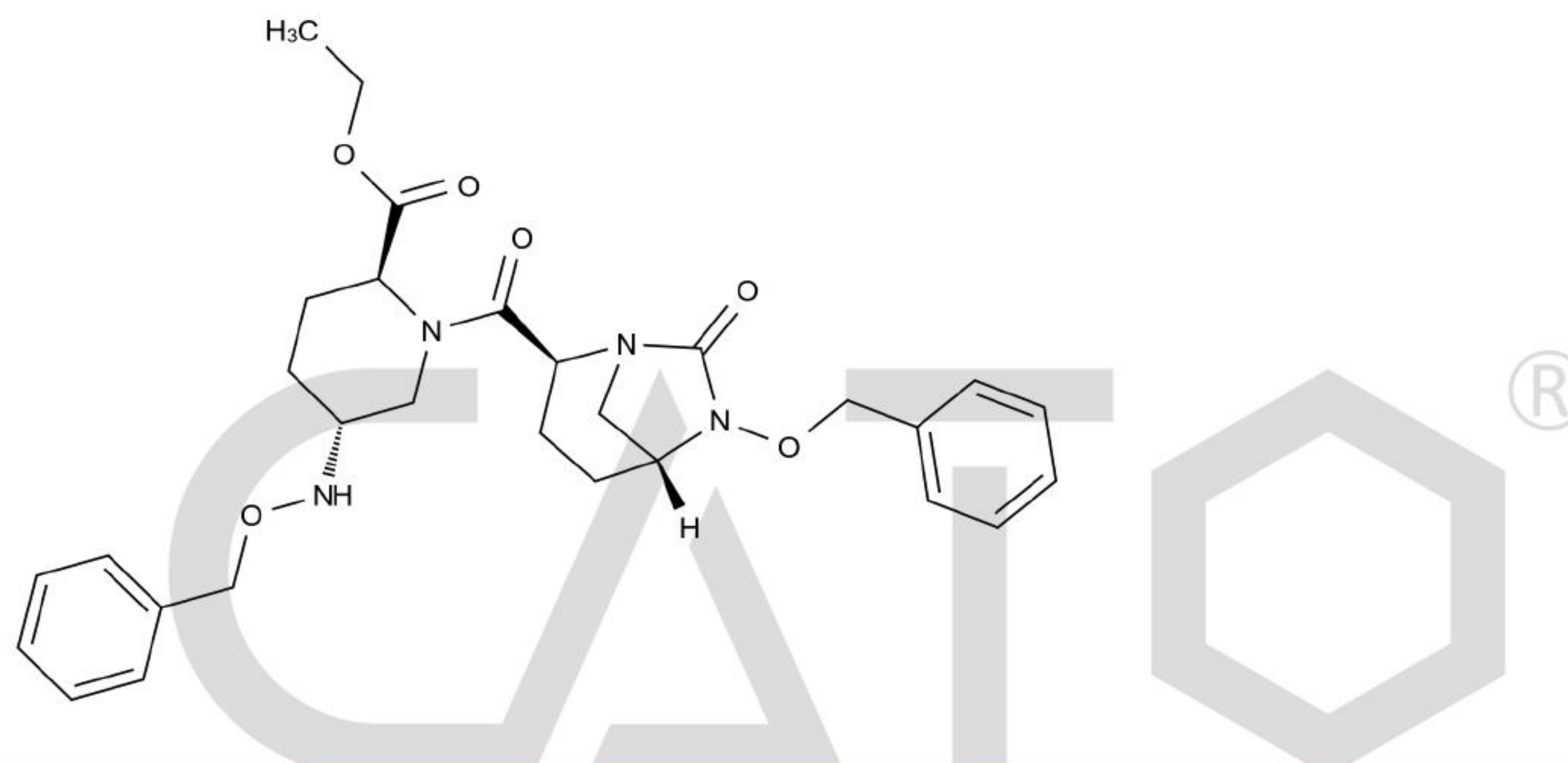


Certificate of Analysis

Reference Material & Standard

Product Name:	Avibactam Impurity 143	Catalogue Number:	C4X-1348143
Synonyms:	N/A	Lot Number:	0114-RH-0007
CAS Number:	N/A	Expiry Date:	Jan 15, 2030
Molecular Formula:	C ₂₉ H ₃₆ N ₄ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	536.62	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Liquid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.975%
Loss On Drying	TGA	4.1142%
Assay		94.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 16, 2026

Date: Jan 16, 2026

Date: Jan 16, 2026



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