

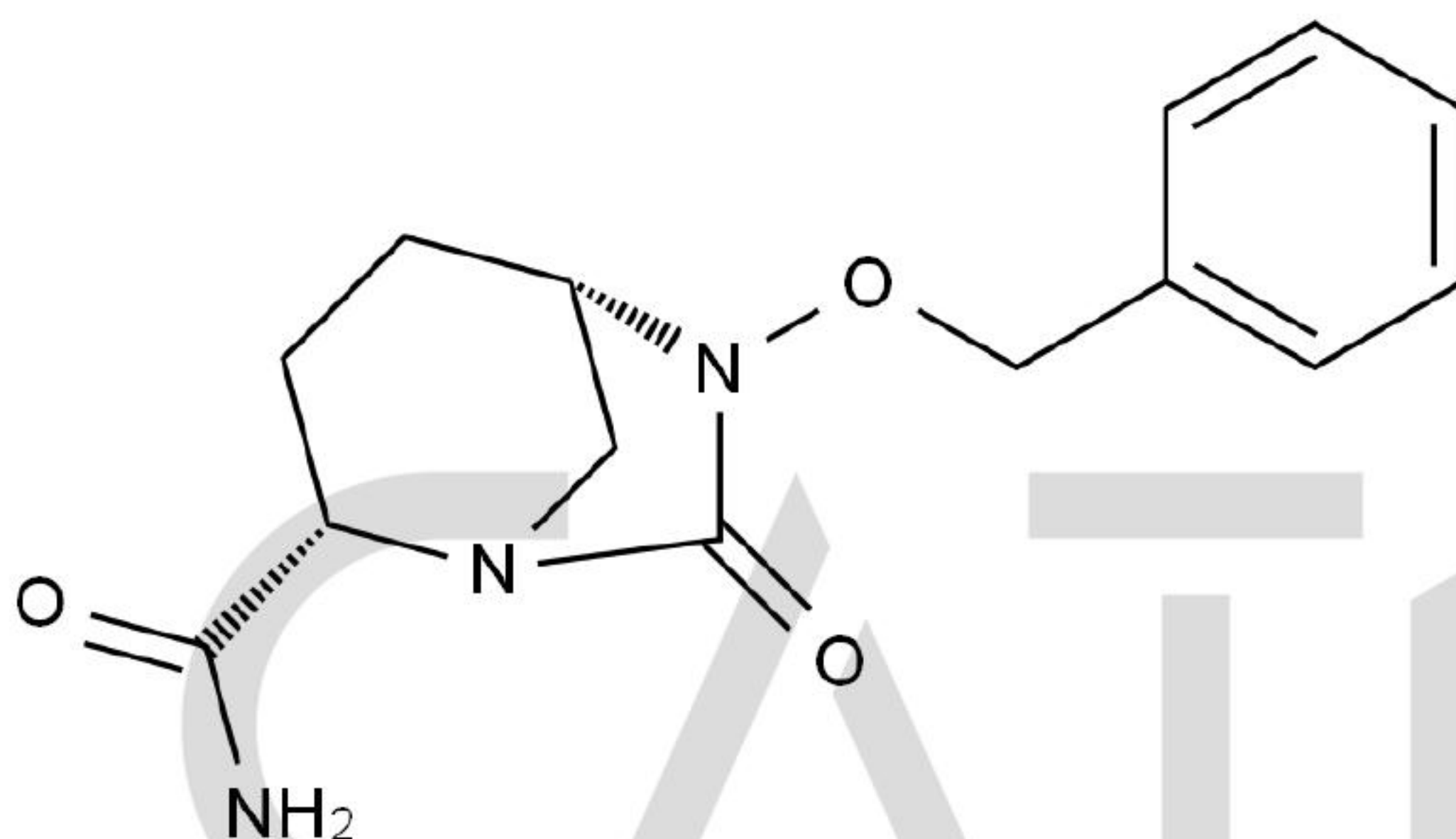
Certificate of Analysis

Reference Material & Standard

Product Name:	Avibactam Impurity 7(2S,5S)	Catalogue Number:	C4X-13487
Synonyms:	N/A	Lot Number:	0619-RG-0072
CAS Number:	2064219-16-3	Expiry Date:	Jun 22, 2028
Molecular Formula:	C ₁₄ H ₁₇ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	275.30	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.1289%
Assay		99.9%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Jun 23, 2025

Date: Jun 23, 2025

Date: Jun 23, 2025

