

Certificate of Analysis

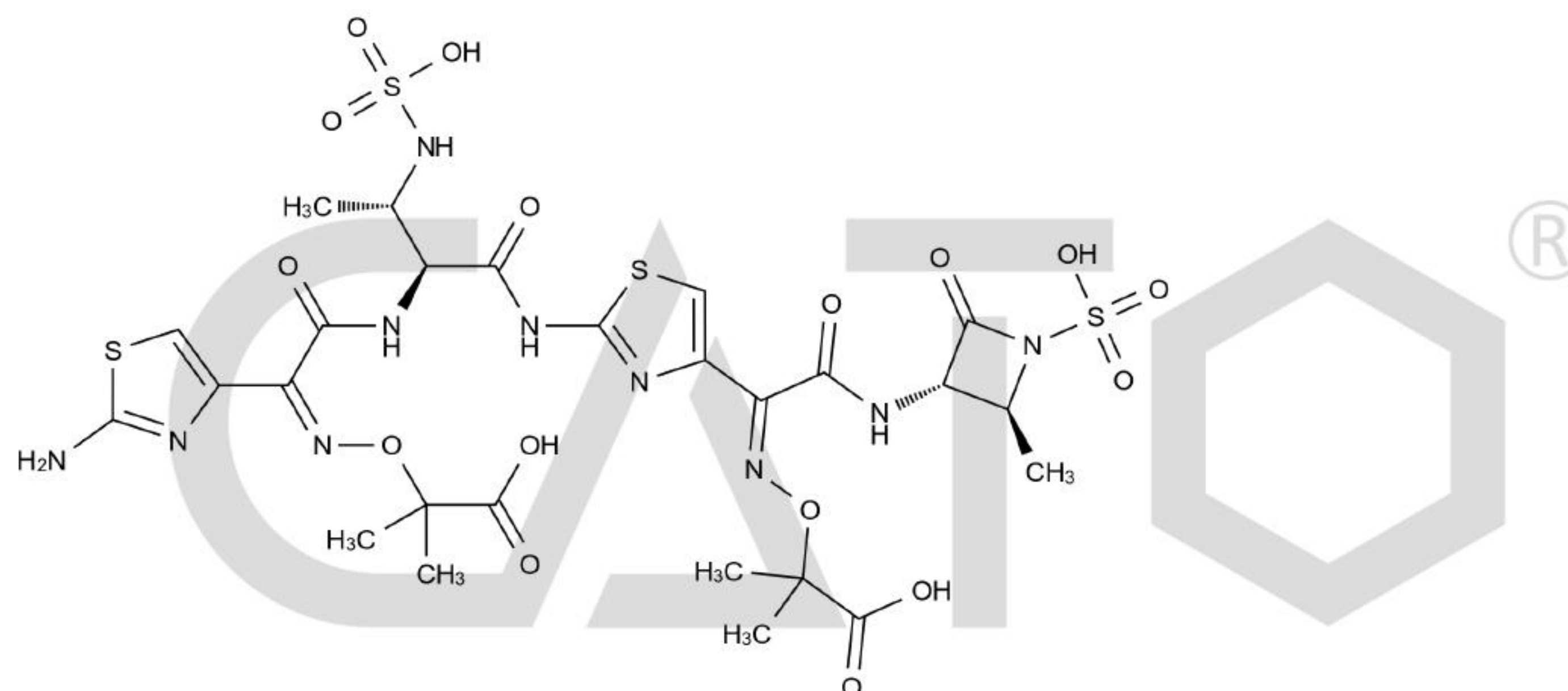
Reference Material & Standard

Product Name:	Aztreonam Dimer Impurity N3	Catalogue Number:	CP145739
Synonyms:	Aztreonam secolactam Aztreonamyl carboxamide	Lot Number:	0228-RH-0129
CAS Number:	730928-60-6	Expiry Date:	Jan 15, 2030
Molecular Formula:	C ₂₆ H ₃₄ N ₁₀ O ₁₆ S ₄	Storage:	-80°C ± 5°C Protected from light and Sealed
Molecular Weight:	870.87	Shipping Condition:	Shipping with Dry Ice

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.326%
Water Content	Karl Fischer	5.80%
Residual Solvents	NMR	Not detected in NMR
Assay		91.7%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 27, 2026

Date: Jul 28, 2026

Date: Jul 28, 2026



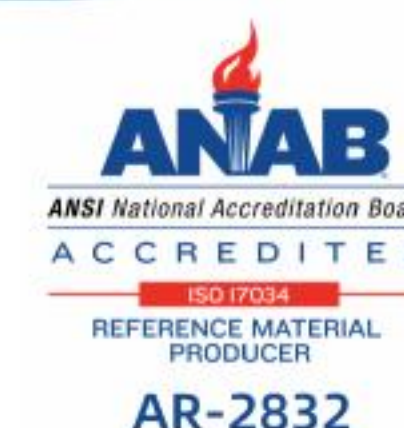
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Page 1 of 8



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