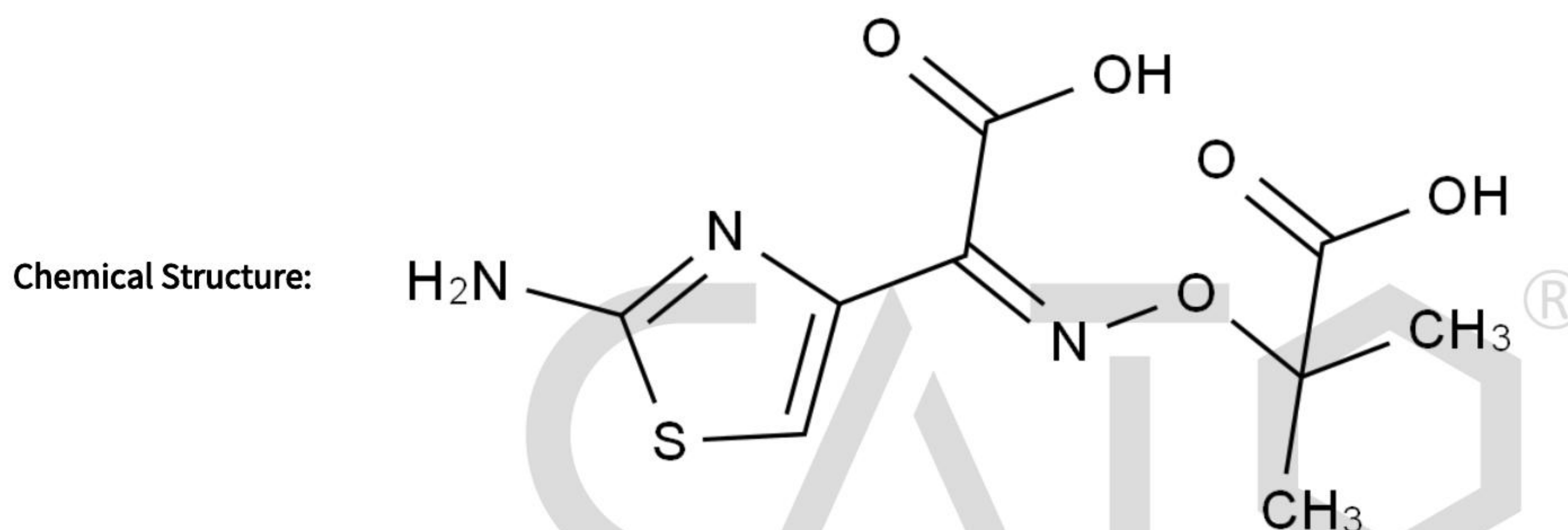


Certificate of Analysis

Reference Material & Standard

Product Name:	Aztreonam Impurity 4	Catalogue Number:	C4X-15224
Synonyms:	N/A	Lot Number:	0622-RH-0058
CAS Number:	102507-85-7	Expiry Date:	Jan 11, 2030
Molecular Formula:	C ₉ H ₁₁ N ₃ O ₅ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	273.27	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.803%
Water Content	Karl Fischer	0.25%
Residual Solvents	NMR	Not detected in NMR
Assay		97.6%

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:

Reviewed by:

Approved by General Manager:

Date: Jul 07, 2026

Date: Jul 07, 2026

Date: Jul 07, 2026



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