

Certificate of Analysis

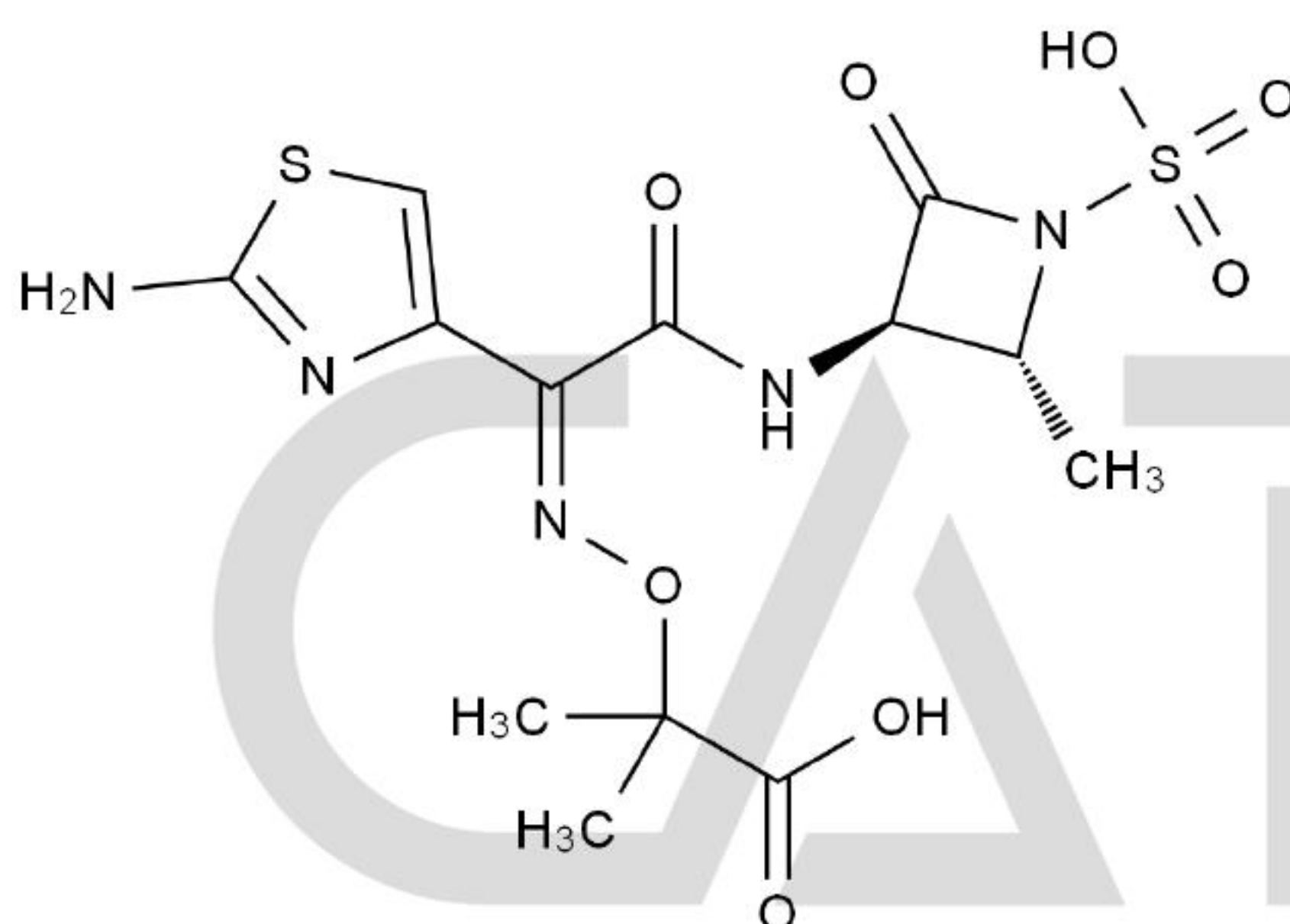
Reference Material & Standard

Product Name:	(2R,3R)-Aztreonam Impurity	Catalogue Number:	C4X-15225
Synonyms:	N/A	Lot Number:	0413-RH-0104
CAS Number:	N/A	Expiry Date:	Apr 14, 2030
Molecular Formula:	C ₁₃ H ₁₇ N ₅ O ₈ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	435.43	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.371 %
Water Content	Karl Fischer	1.89%
Residual Solvents	NMR	3.03% acetone
Assay		94.5%

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:

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Reviewed by:

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Approved by General Manager:

David

Date: Apr 15, 2026

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