

Certificate of Analysis

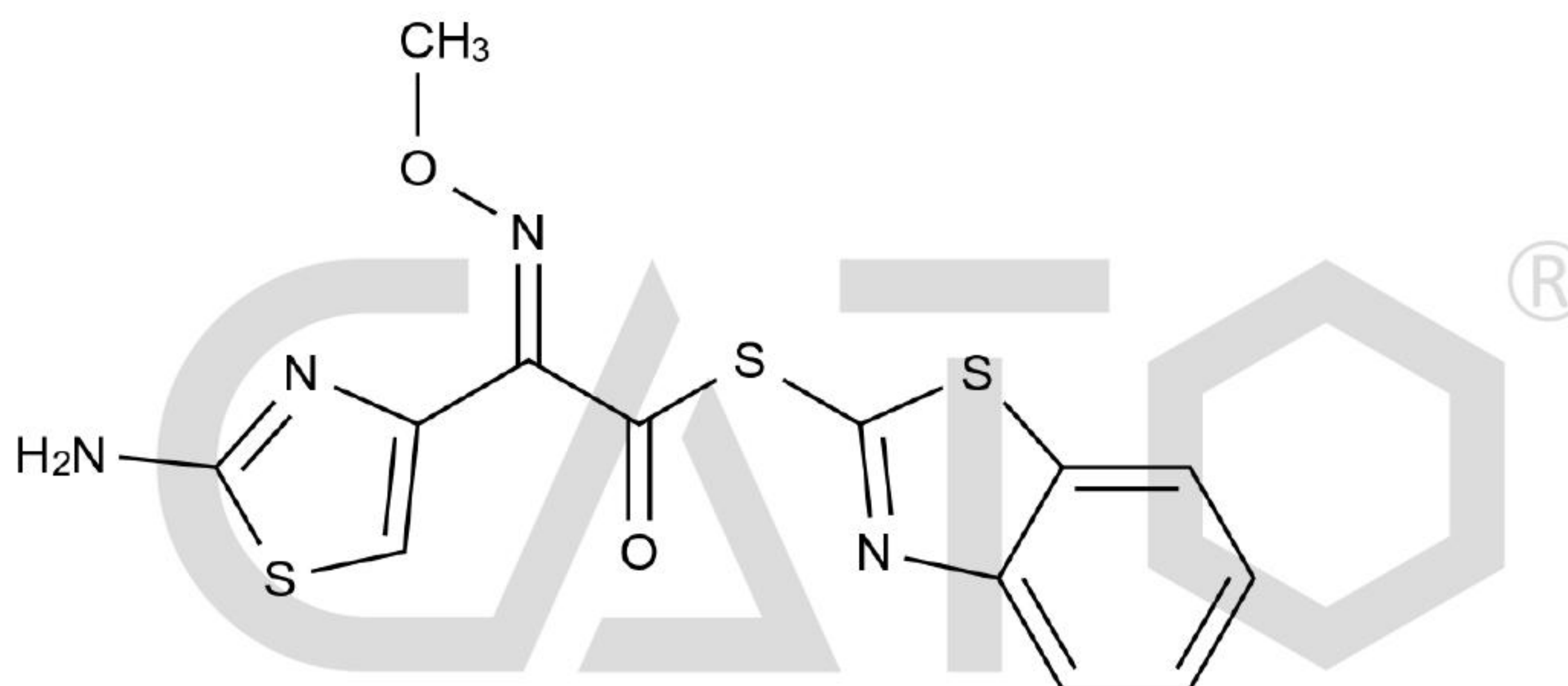
Reference Material & Standard

Product Name:	Ceftizoxime Impurity 11(E-isomer)	Catalogue Number:	C4X-179311
Synonyms:	N/A	Lot Number:	0331-RG-0107
CAS Number:	1684396-27-7	Expiry Date:	Sep 01, 2027
Molecular Formula:	C ₁₃ H ₁₀ N ₄ O ₂ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	350.44	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.858%
Loss On Drying	TGA	0.7342%
Assay		98.1%

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:

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Approved by General Manager:

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Date: Jan 05, 2026

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