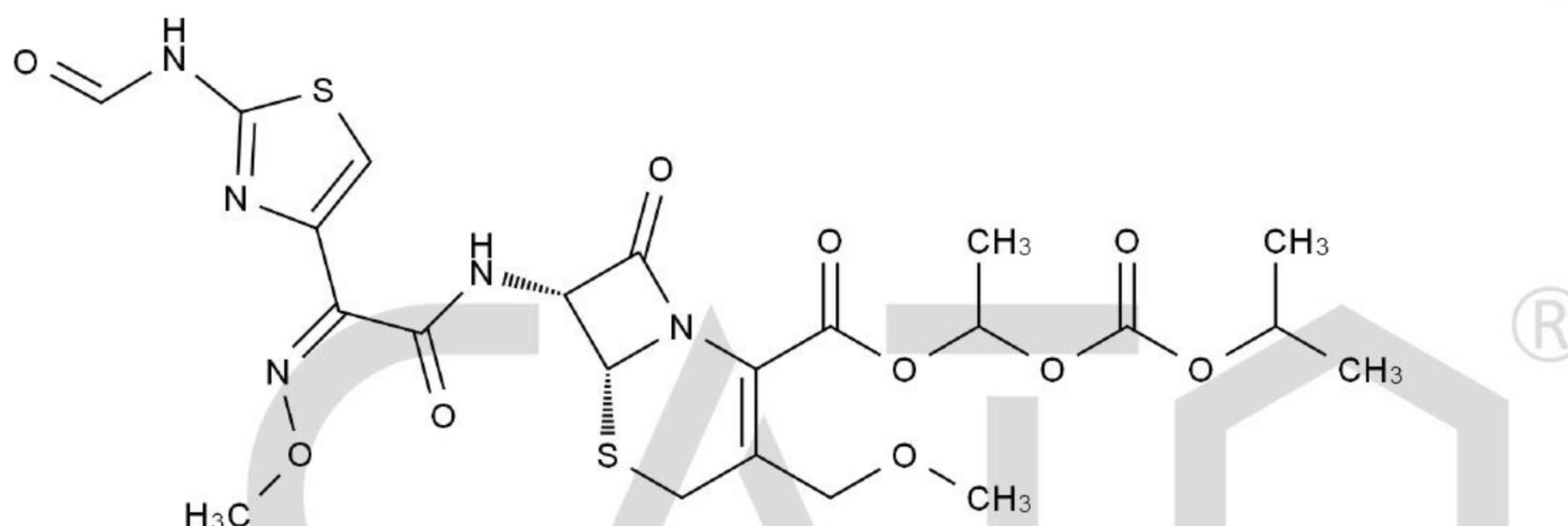


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefpodoxime Proxetil EP Impurity F	Catalogue Number:	C4X-15796
Synonyms:	1-[(Isopropoxycarbonyl)oxy]ethyl (6R,7R)-7-[(Z)-2-(2-formamidothiazol-4-yl)-2-(methoxyimino)acetamido]-3-(methoxymethyl)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate	Lot Number:	0313-RH-0051
CAS Number:	96680-30-7	Expiry Date:	Mar 26, 2030
Molecular Formula:	C ₂₂ H ₂₇ N ₅ O ₁₀ S ₂	Storage:	-20°C±5°C Sealed
Molecular Weight:	585.61	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Acetonitrile, DMSO and Chloroform	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	94.266%
Residue on Ignition	TGA	0.7926%
Loss On Drying	TGA	0.2205%
Assay	qNMR	93.0%
Assay	Mass Balance	93.3%

Comment:

- The retest date of this product is Mar 26, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Mar 27, 2026

Date: Mar 27, 2026

Date: Mar 27, 2026



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