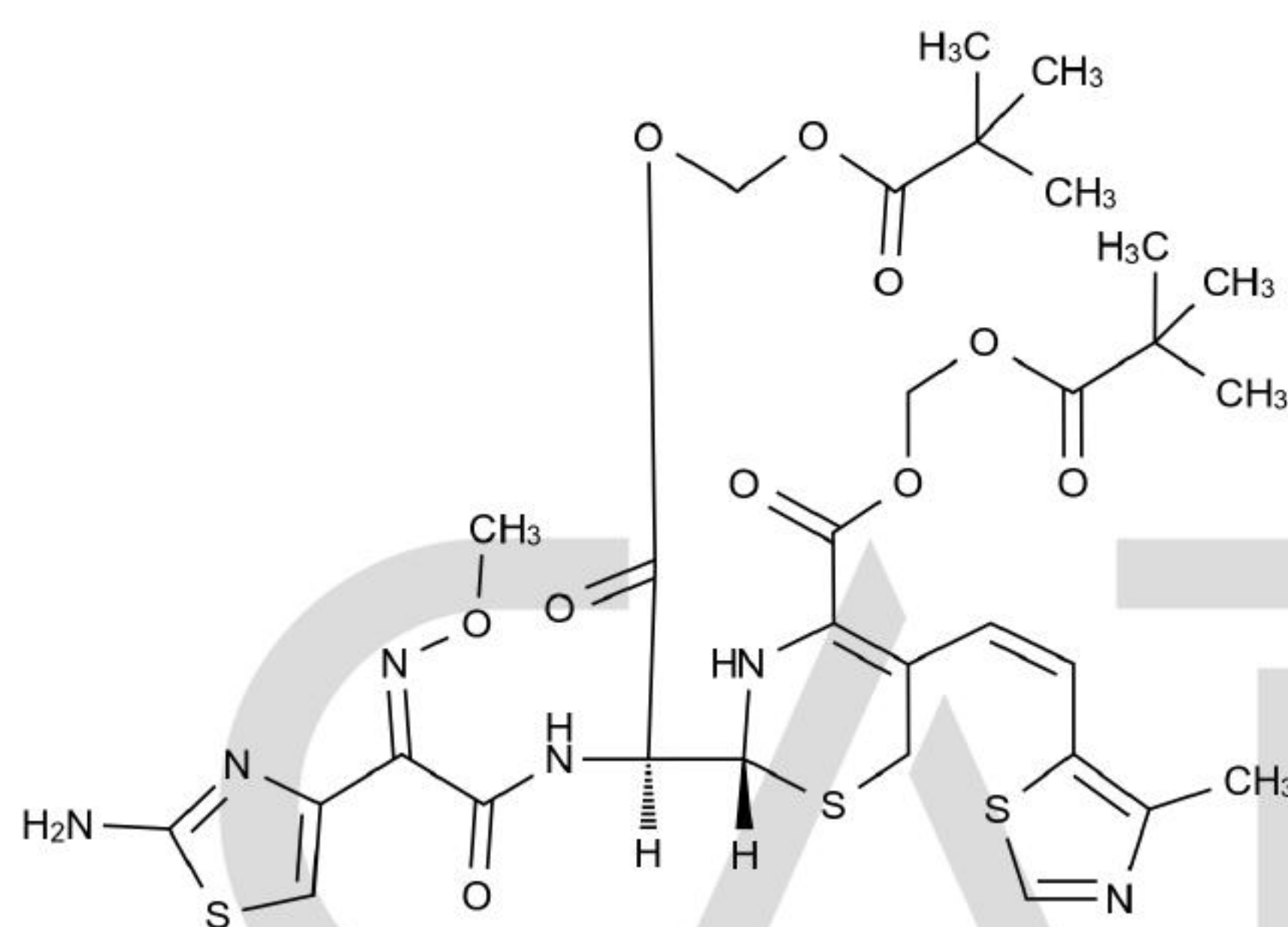


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefditoren Impurity 61	Catalogue Number:	C4X-135861
Synonyms:	N/A	Lot Number:	0721-RG-0046
CAS Number:	N/A	Expiry Date:	Jul 18, 2027
Molecular Formula:	C ₃₁ H ₄₀ N ₆ O ₁₀ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	752.88		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.68%
Residue on Ignition	TGA	1.0493%
Loss On Drying	TGA	0.4253%
Assay		95.3%

Comment:

The calculation of the 100% 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:

Lisa

Approved by General Manager:

David

Date: Jul 22, 2025

Date: Jul 22, 2025

Date: Jul 22, 2025

