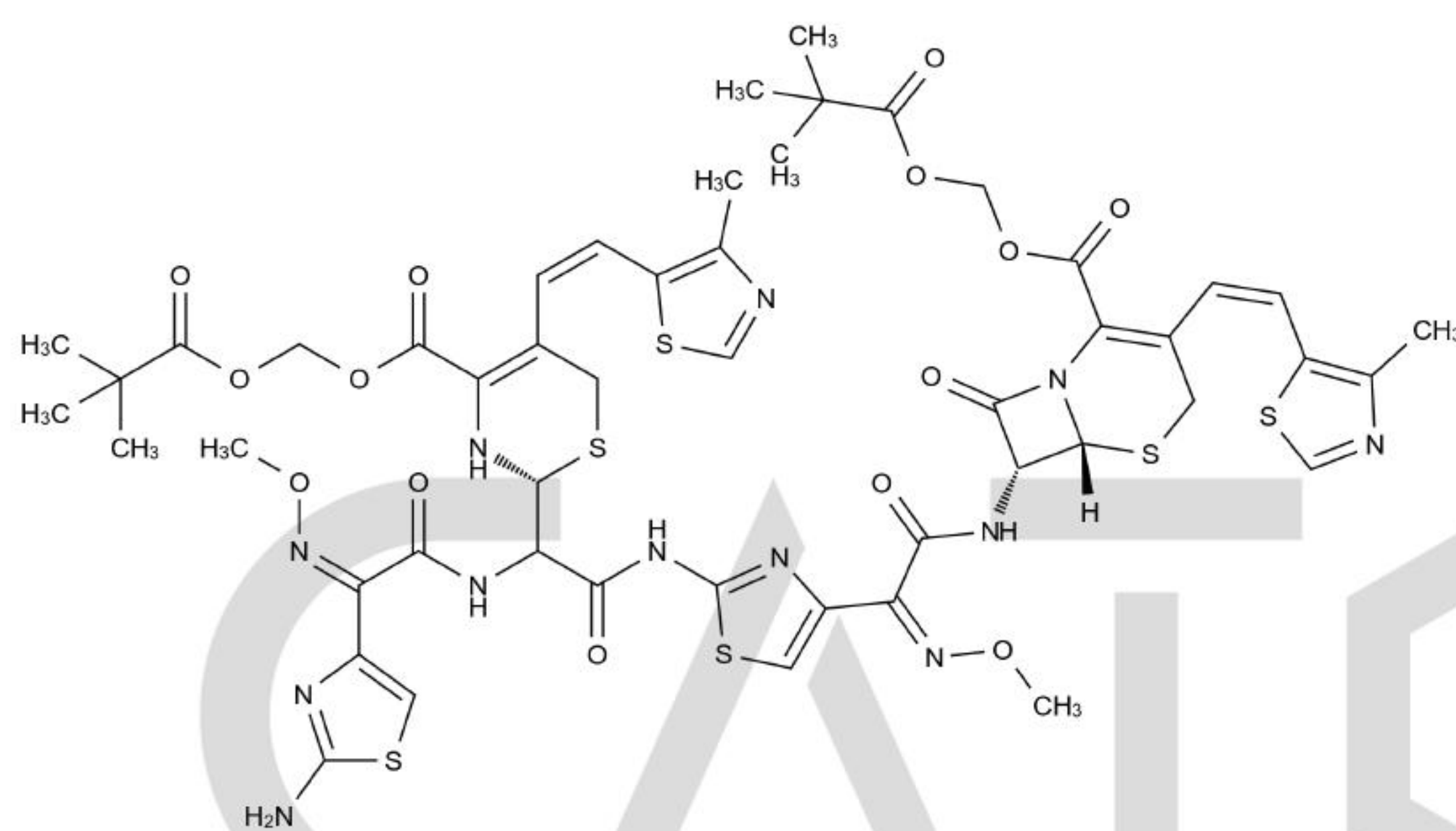


Certificate of Analysis

Reference Material & Standard

Product Name:	Cefditoren pivoxil ring-opening dimer	Catalogue Number:	C4X-135822
Synonyms:	N/A	Lot Number:	0303-RG-0121
CAS Number:	N/A	Expiry Date:	Mar 01, 2028
Molecular Formula:	C ₅₀ H ₅₆ N ₁₂ O ₁₄ S ₆	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	1241.44		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.895%
Residue on Ignition	TGA	1.4623%
Loss On Drying	TGA	0.5750%
Assay		93.9%

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:

Hinlam

Approved by General Manager:

David

Date: Mar 05, 2025

Date: Mar 05, 2025

Date: Mar 05, 2025

