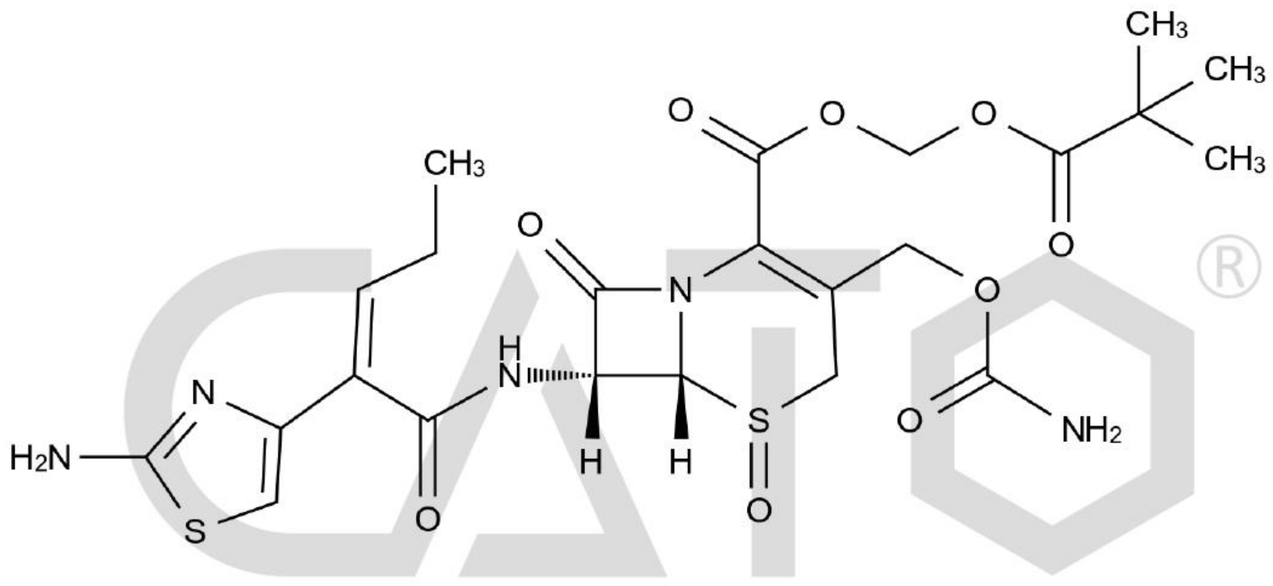
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefcapene Impurity 25	**Catalogue Number:**	C4X-182425
Synonyms:	N/A	**Lot Number:**	1009-RH-0048
CAS Number:	N/A	**Expiry Date:**	Oct 07, 2030
Molecular Formula:	$C_{23}H_{29}N_5O_9S_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	583.63	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.6%
Assay	qNMR	94.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Oct 10, 2026

Reviewed by: Date: Oct 12, 2026

Approved by General Manager: Date: Oct 12, 2026

CATO Research Chemicals Inc.