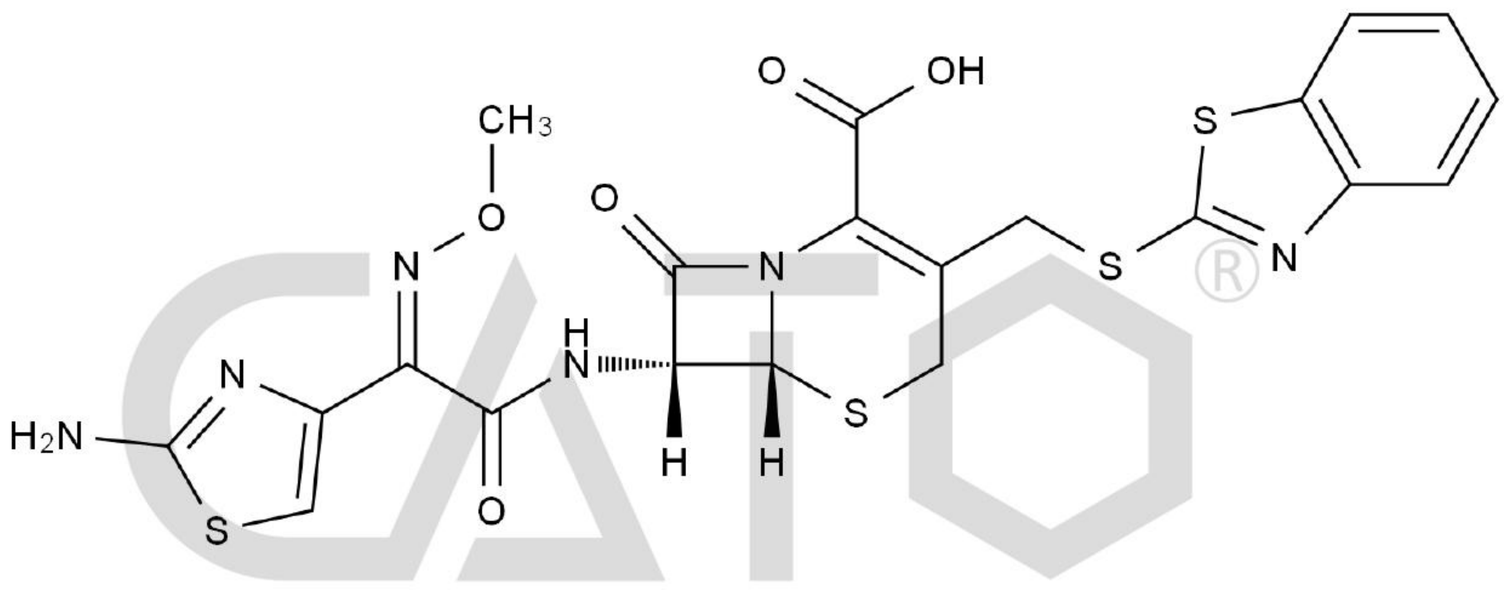
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefotaxime Impurity 23	**Catalogue Number:**	C4X-120123
Synonyms:	N/A	**Lot Number:**	1016-RH-0097
CAS Number:	N/A	**Expiry Date:**	Jul 08, 2028
Molecular Formula:	$C_{21}H_{18}N_6O_5S_4$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	562.66	**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	96.7%
Assay	qNMR	92.6%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Oct 20, 2026

Reviewed by: Date: Oct 20, 2026

Approved by General Manager: Date: Oct 20, 2026

CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

ISO 9001:2000 SYSTEM CERTIFICATION SGS

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