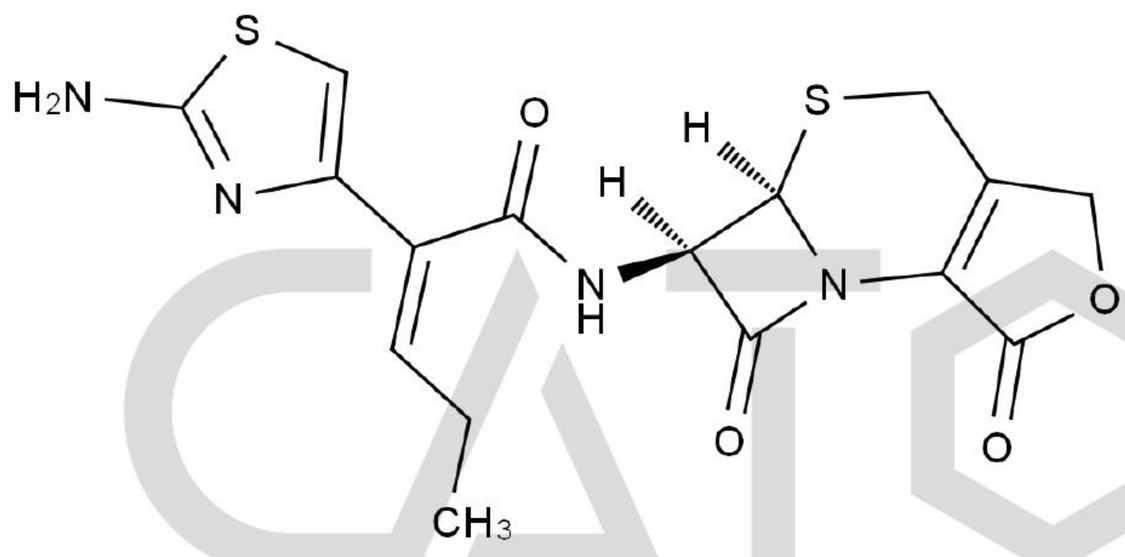
Certificate of Analysis

Reference Material & Standard

Product Name:	Cefcapene Impurity 11	**Catalogue Number:**	C4X-182411
Synonyms:	N/A	**Lot Number:**	1028-RG-0030
CAS Number:	2445326-67-8	**Expiry Date:**	Oct 27, 2029
Molecular Formula:	$C_{16}H_{16}N_4O_4S_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	392.45	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.4%
Assay	qNMR	91.7%

CATO Research Chemicals Inc.

Signature:

Prepared by: Koji Date: Oct 28, 2025

Reviewed by: Lisa Date: Oct 28, 2025

Approved by General Manager: David Date: Oct 28, 2025

CATO Research Chemicals Inc.