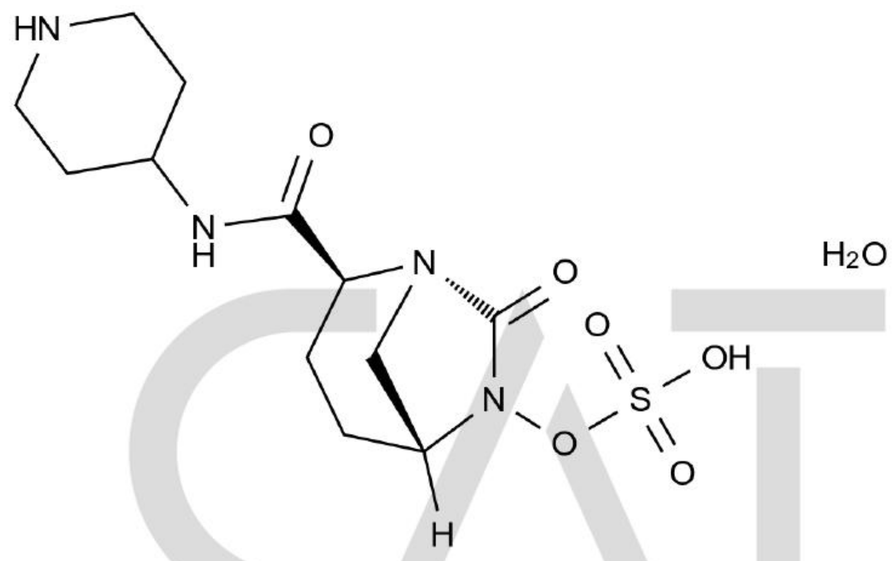
Certificate of Analysis

Reference Material & Standard

Product Name:	Relebactam Hydrate	**Catalogue Number:**	C4X-2144144
Synonyms:	N/A	**Lot Number:**	1019-RH-0133
CAS Number:	1174020-13-3	**Expiry Date:**	Nov 02, 2030
Molecular Formula:	$C_{12}H_{20}N_4O_6S\ H_2O$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	348.38 18.02	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.0%
Water Content	Karl Fischer	4.0044%
Residue on Ignition	TGA	1.0090%
Assay	qNMR	98.6%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 03, 2026

Reviewed by: Koi Date: Nov 03, 2026

Approved by General Manager: David Date: Nov 03, 2026

CATO Research Chemicals Inc.