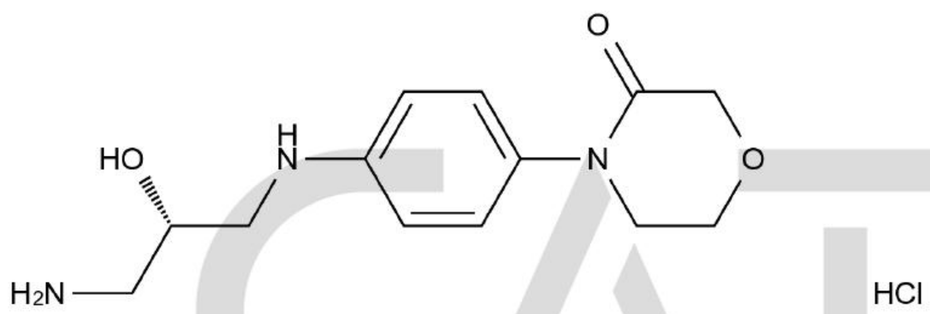
Certificate of Analysis

Reference Material & Standard

Product Name:	(S)-4-(4-((3-amino-2-hydroxypropyl)amino)phenyl)morpholin-3-one (dihydrochloride)	**Catalogue Number:**	C1499308
Synonyms:	N/A	**Lot Number:**	1106-RH-0010
CAS Number:	2304439-07-2	**Expiry Date:**	Nov 12, 2030
Molecular Formula:	$C_{13}H_{19}N_3O_3$ 2*HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	265.31 2*36.46	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.4%
Assay	qNMR	98.8%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Nov 13, 2026

Reviewed by: Koi Date: Nov 13, 2026

Approved by General Manager: David Date: Nov 13, 2026

CATO Research Chemicals Inc.