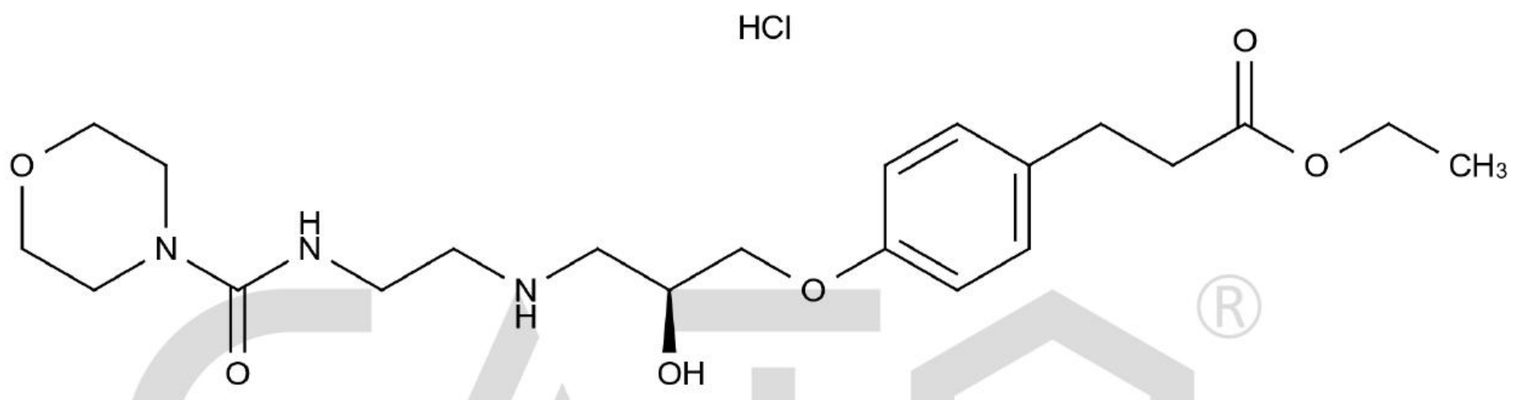
Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Impurity 5 HCl	**Catalogue Number:**	C4X-26215
Synonyms:	N/A	**Lot Number:**	0917-RH-0116
CAS Number:	N/A	**Expiry Date:**	Sep 19, 2030
Molecular Formula:	$C_{21}H_{33}N_3O_6$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	423.50 36.46	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.6%
Assay	qNMR	98.2%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Sep 20, 2026

Reviewed by: Koi Date: Sep 20, 2026

Approved by General Manager: David Date: Sep 20, 2026

CATO Research Chemicals Inc.