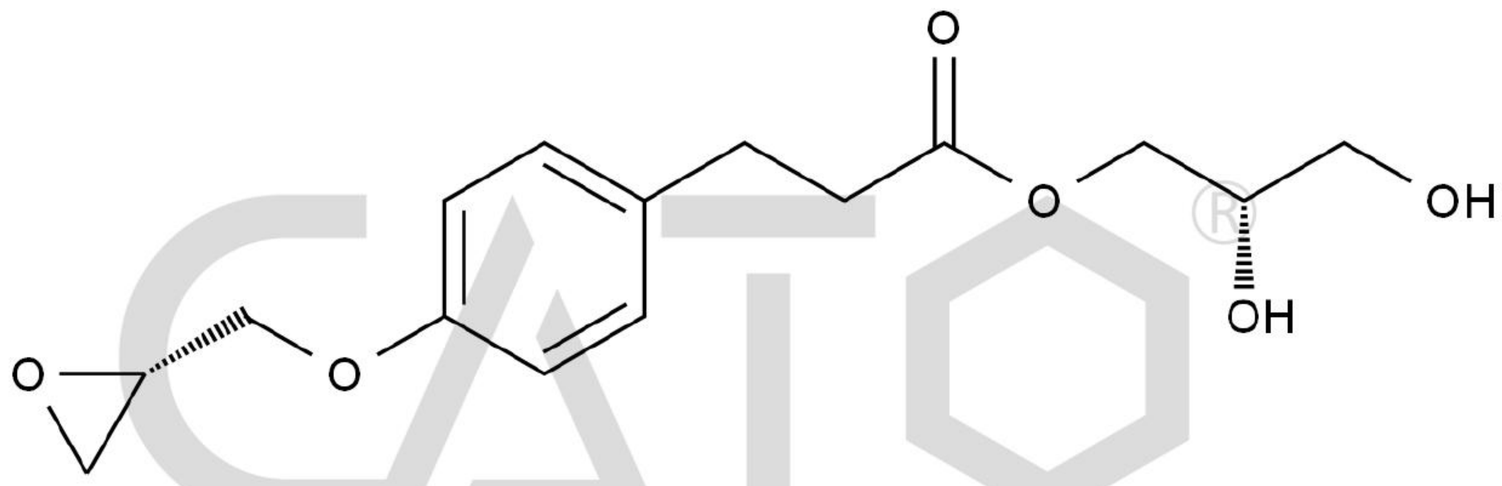
Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Impurity 25	**Catalogue Number:**	C4X-262125
Synonyms:	N/A	**Lot Number:**	1112-RH-0047
CAS Number:	N/A	**Expiry Date:**	Sep 10, 2028
Molecular Formula:	$C_{15}H_{20}O_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	296.32	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Oil
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	95.04%
Loss on Drying	TGA	0.6119%
Assay	Mass Balance	94.5%

CATO Research Chemicals Inc.

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Date: Nov 17, 2026

Reviewed by: Date: Nov 17, 2026

Approved by General Manager: Date: Nov 17, 2026