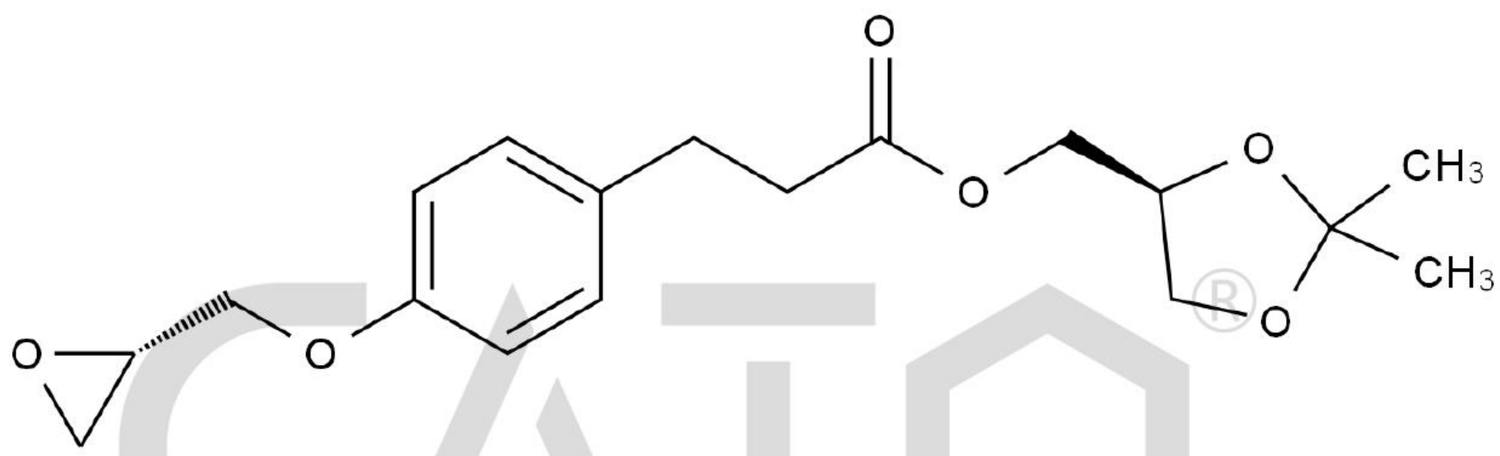
Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Impurity 15	**Catalogue Number:**	C4X-262115
Synonyms:	N/A	**Lot Number:**	0927-RH-0012
CAS Number:	144256-12-2	**Expiry Date:**	Sep 29, 2030
Molecular Formula:	$C_{18}H_{24}O_6$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	336.38	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.448%
Loss on Drying	TGA	0.0889%
Assay	Mass Balance	99.4%

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: Alice Date: Sep 30, 2026

Reviewed by: Koi Date: Sep 30, 2026

Approved by General Manager: David Date: Sep 30, 2026

CATO Research Chemicals Inc.