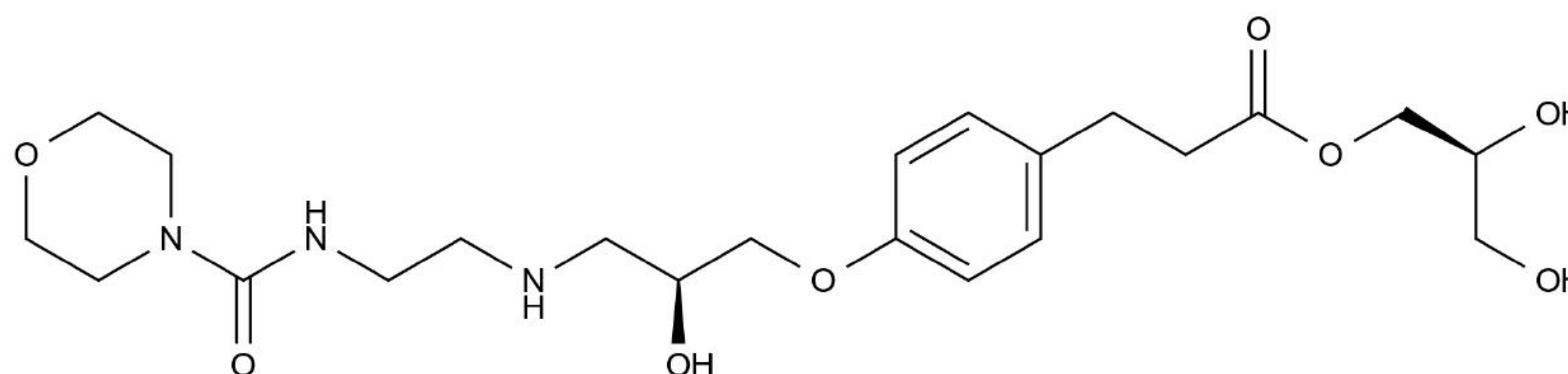


Certificate of Analysis

Reference Material

Product Name:	Landiolol impurity 40	Catalogue Number:	C4X-262140
Chemical Name:	N/A	Lot Number:	0810-RE-0005
CAS Number:	N/A	Expiry Date:	Aug 17, 2025
Molecular Formula:	C22H35N3O8	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	469.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Semi-solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.48%
Loss On Drying	TGA	2.3519%
Assay		97.1%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Aporoved by General manager:

David

Date: Aug 18, 2023

Date: Aug 23, 2023

Date: Aug 23, 2023

