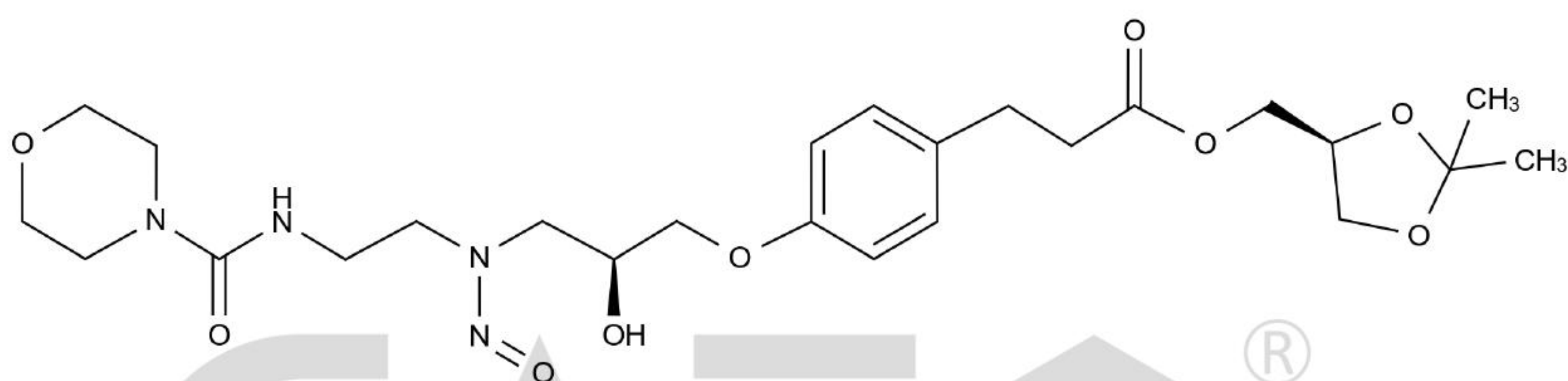


Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Nitroso Impurity 54	Catalogue Number:	C4X-262154
Synonyms:	N/A	Lot Number:	0126-RG-0103
CAS Number:	N/A	Expiry Date:	Feb 05, 2028
Molecular Formula:	C ₂₅ H ₃₈ N ₄ O ₉	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	538.59		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.293%
Loss On Drying	TGA	1.1863%
Assay		98.1%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 06, 2025

Date: Feb 06, 2025

Date: Feb 06, 2025

