

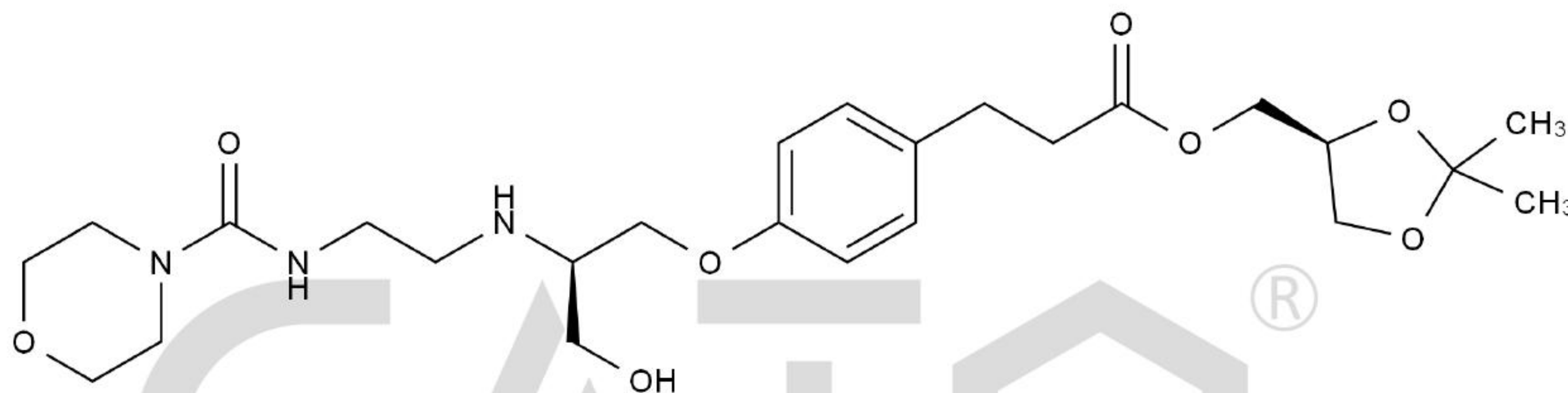
Certificate of Analysis

Reference Material & Standard

Product Name:	Landiolol Impurity 22	Catalogue Number:	C4X-262122
Synonyms:	N/A	Lot Number:	0219-RF-0008
CAS Number:	N/A	Expiry Date:	Feb 06, 2027
Molecular Formula:	C ₂₅ H ₃₉ N ₃ O ₈	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	509.59	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.2072%
Loss On Drying	TGA	1.96%
Assay		93.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Feb 19, 2024

Date: Feb 19, 2024

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