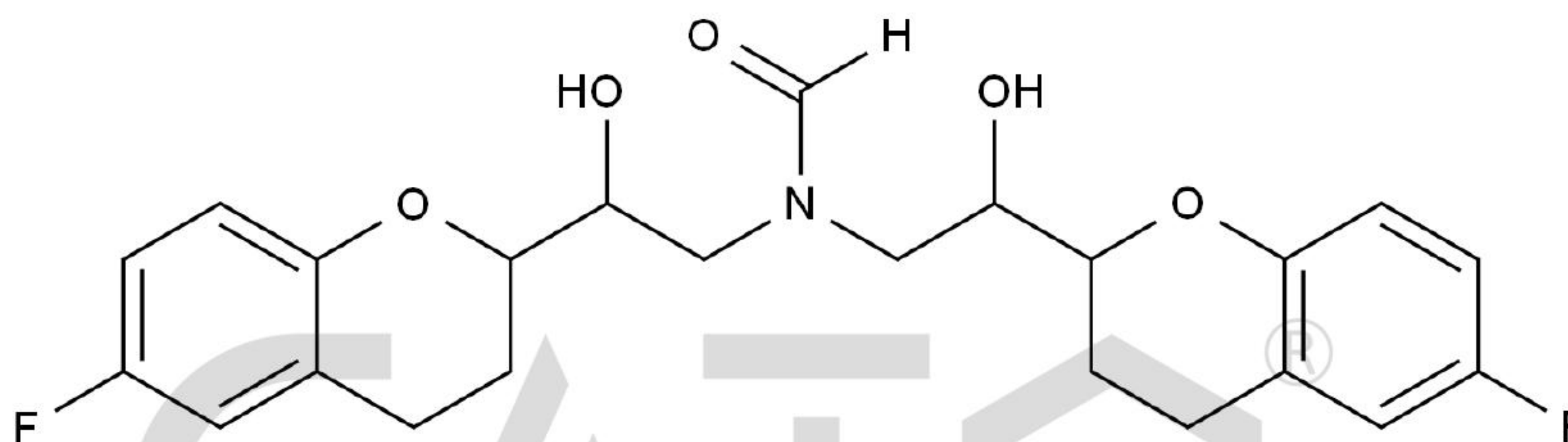


Certificate of Analysis

Reference Material & Standard

Product Name:	Nebivolol Impurity 1 (Mixture of Diastereomers)	Catalogue Number:	C4X-19681
Synonyms:	N/A	Lot Number:	0814-RF-0006
CAS Number:	N/A	Expiry Date:	Dec 19, 2025
Molecular Formula:	C23H25F2NO5	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	433.45		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.7989%
Water Content	Karl Fischer	0.60%
Residual Solvents	NMR	0.5% methanol and 0.2% n-hexane
Assay		98.5%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 15, 2024

Date: Aug 15, 2024

Date: Aug 15, 2024

