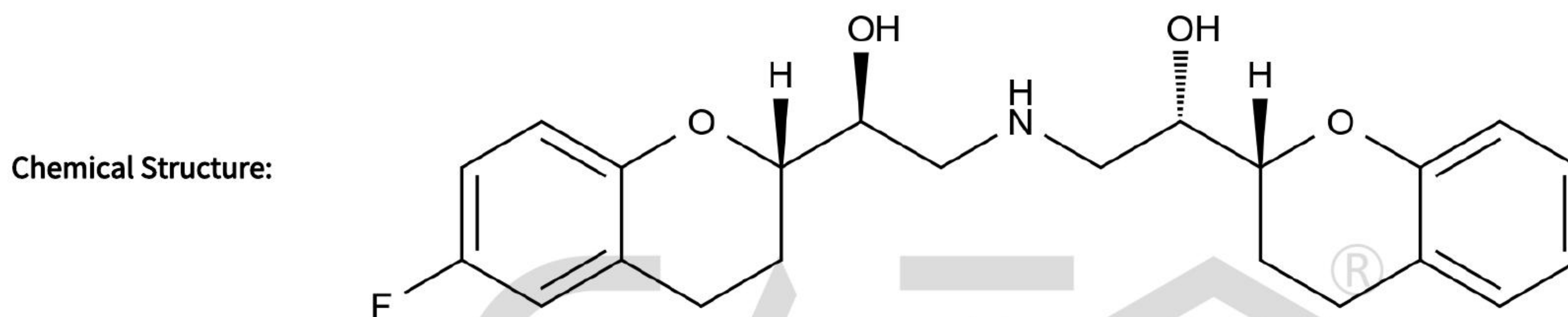


Certificate of Analysis

Reference Material & Standard

Product Name:	Nebivolol Impurity 33(SS,SR)	Catalogue Number:	C4X-196853
Synonyms:	N/A	Lot Number:	0815-RG-0049
CAS Number:	129101-35-5	Expiry Date:	Apr 08, 2029
Molecular Formula:	C22H26FNO4	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	387.44		



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5092%
Loss On Drying	TGA	0.094%
Optical Rotation		[α] _D ^{25.0} (c=1.00, CH ₃ OH): +94.02°
Assay		99.4%

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

Approved by General Manager:

David

Date: Aug 15, 2025

Date: Aug 18, 2025

Date: Aug 18, 2025

