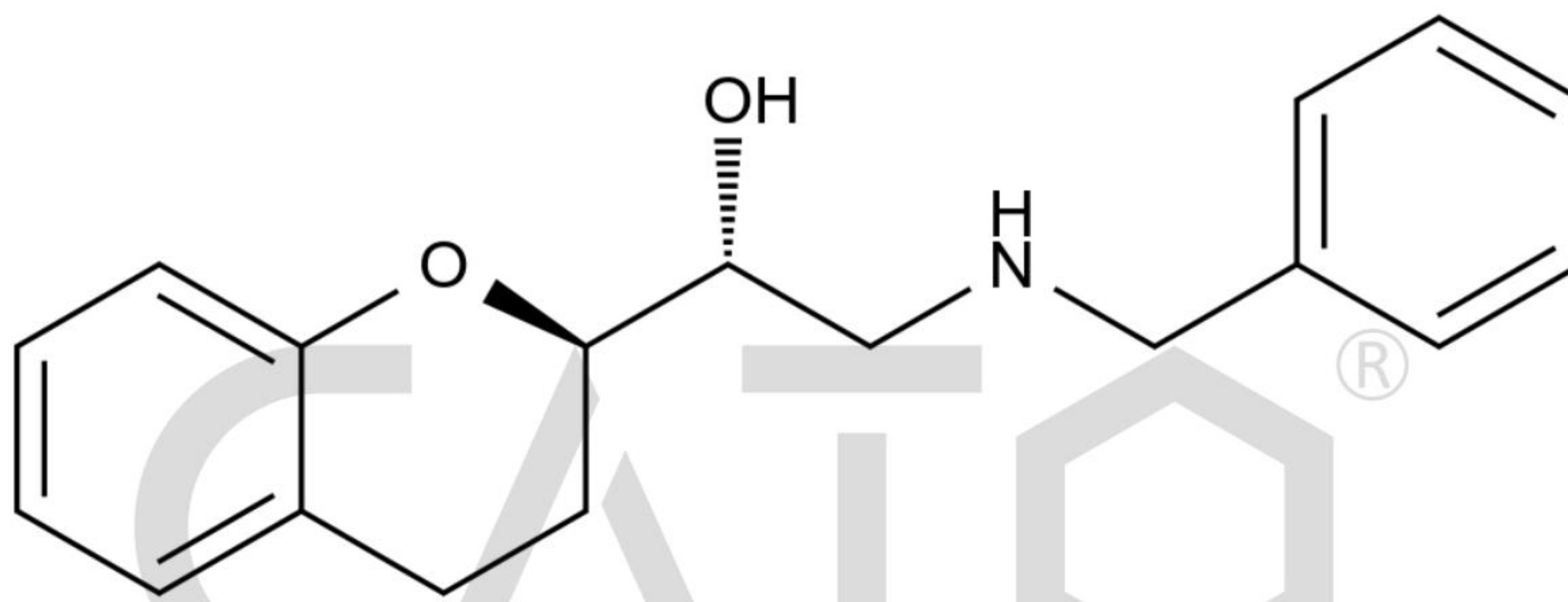


Certificate of Analysis

Reference Material & Standard

Product Name:	Nebivolol Impurity 54	Catalogue Number:	C4X-196854
Synonyms:	N/A	Lot Number:	1203-RF-0097
CAS Number:	N/A	Expiry Date:	Dec 01, 2027
Molecular Formula:	C18H21NO2	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	283.36		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.7020%
Loss On Drying	TGA	0.350%
Assay		99.4%

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:

Reviewed by:

Approved by General Manager:

Date: Dec 04, 2024

Date: Dec 05, 2024

Date: Dec 05, 2024

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