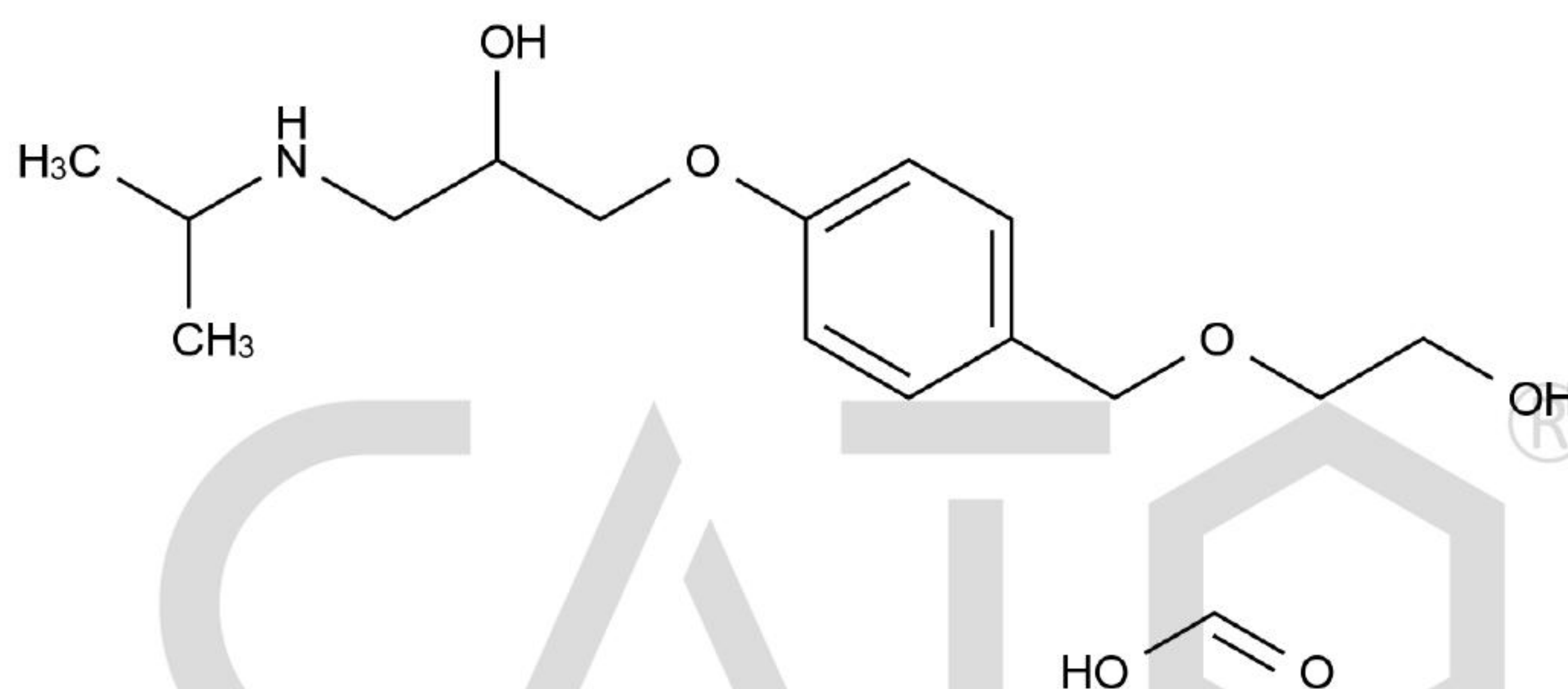


Certificate of Analysis

Reference Material & Standard

Product Name:	Bisoprolol Impurity 62 Formate	Catalogue Number:	C4X-124762
Synonyms:	N/A	Lot Number:	0429-RG-0057
CAS Number:	109791-18-6(free base)	Expiry Date:	Mar 09, 2028
Molecular Formula:	C ₁₅ H ₂₅ NO ₄ CH ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	283.36 46.03		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5101%
Loss On Drying	TGA	0.323%
Assay		98.2%

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: Apr 29, 2025

Date: Apr 30, 2025

Date: Apr 30, 2025

