

Certificate of Analysis

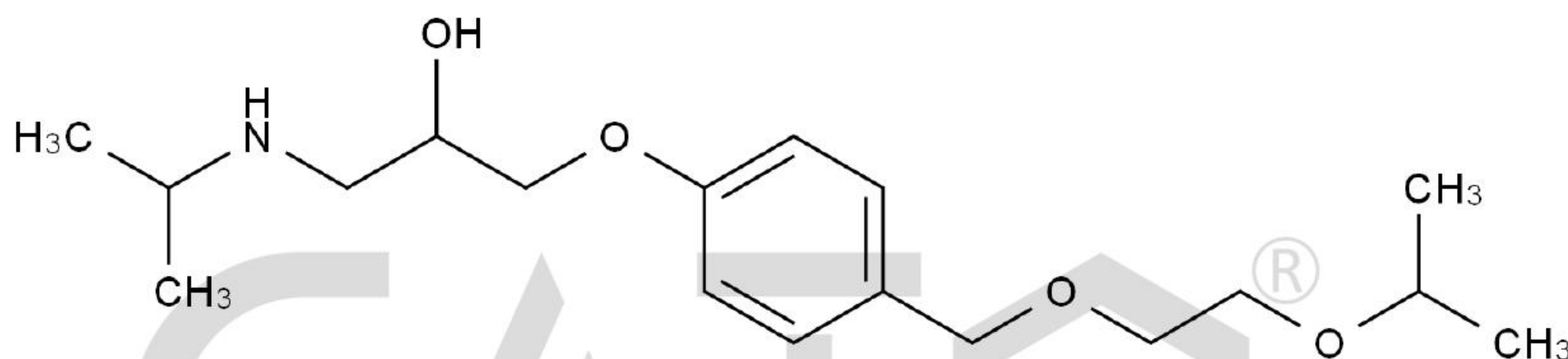
Reference Material & Standard

Product Name:	Bisoprolol	Catalogue Number:	CP143891
Synonyms:	N/A	Lot Number:	0916-RG-0060
CAS Number:	66722-44-9	Expiry Date:	Sep 14, 2029
Molecular Formula:	C ₁₈ H ₃₁ NO ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	325.44		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.688%
Loss On Drying	TGA	1.1080%
Assay		98.6%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 15, 2025

Date: Sep 16, 2025

Date: Sep 16, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

