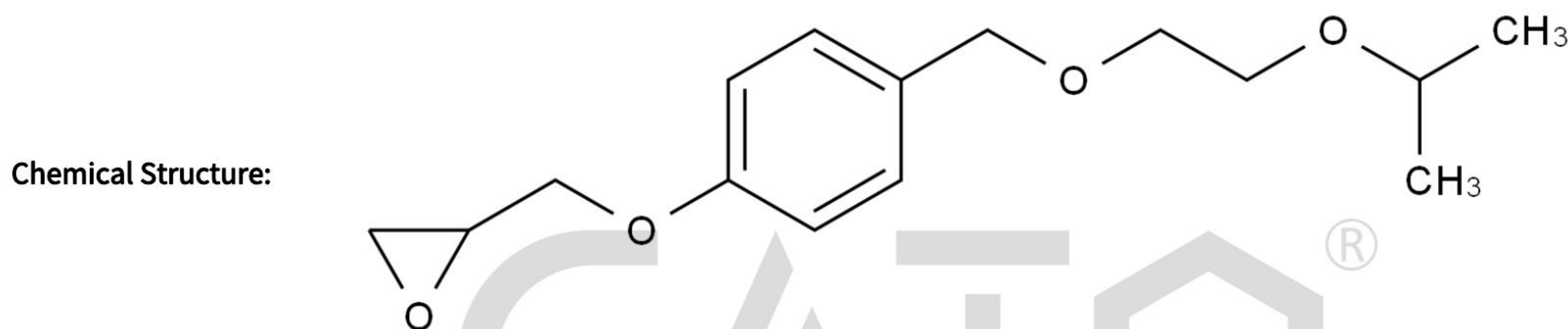


Certificate of Analysis

Reference Material & Standard

Product Name:	Bisoprolol Impurity 27	Catalogue Number:	C4X-124727
Synonyms:	N/A	Lot Number:	0202-RH-0190
CAS Number:	66722-57-4	Expiry Date:	Feb 04, 2030
Molecular Formula:	C ₁₅ H ₂₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	266.33	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	96.624%
Loss On Drying	TGA	0.1537%
Assay		96.5%

Comment:

The calculation of the mass balance 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Feb 05, 2026

Date: Feb 05, 2026

Date: Feb 05, 2026



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