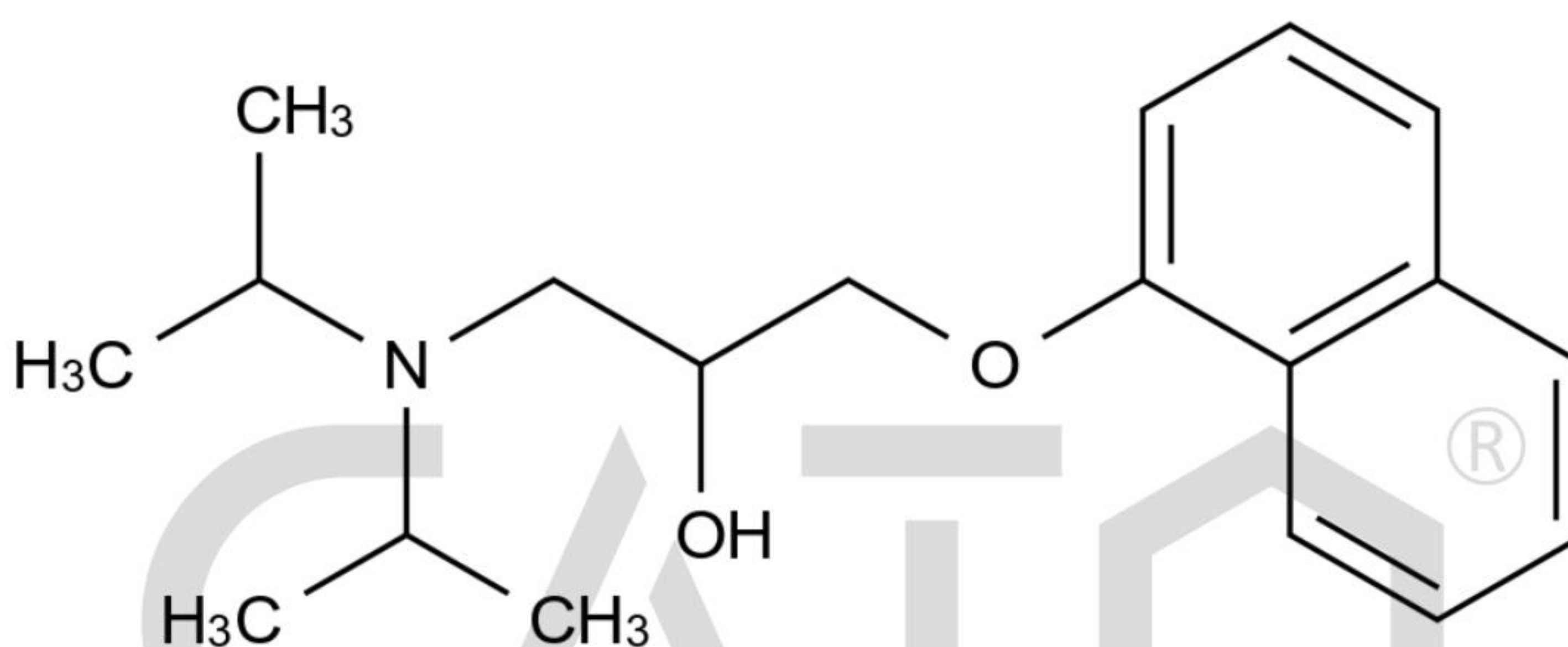


Certificate of Analysis

Reference Material & Standard

Product Name:	Propranolol Impurity 27	Catalogue Number:	C4X-151927
Synonyms:	N/A	Lot Number:	0222-RF-0009
CAS Number:	N/A	Expiry Date:	Feb 25, 2027
Molecular Formula:	C ₁₉ H ₂₇ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	301.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.259%
Loss On Drying	TGA	0.1069%
Assay		99.2%

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:

Nice

Reviewed by:

Koi

Aporoved by General Manager:

David

Date: Feb 26, 2024

Date: Feb 26, 2024

Date: Feb 26, 2024

