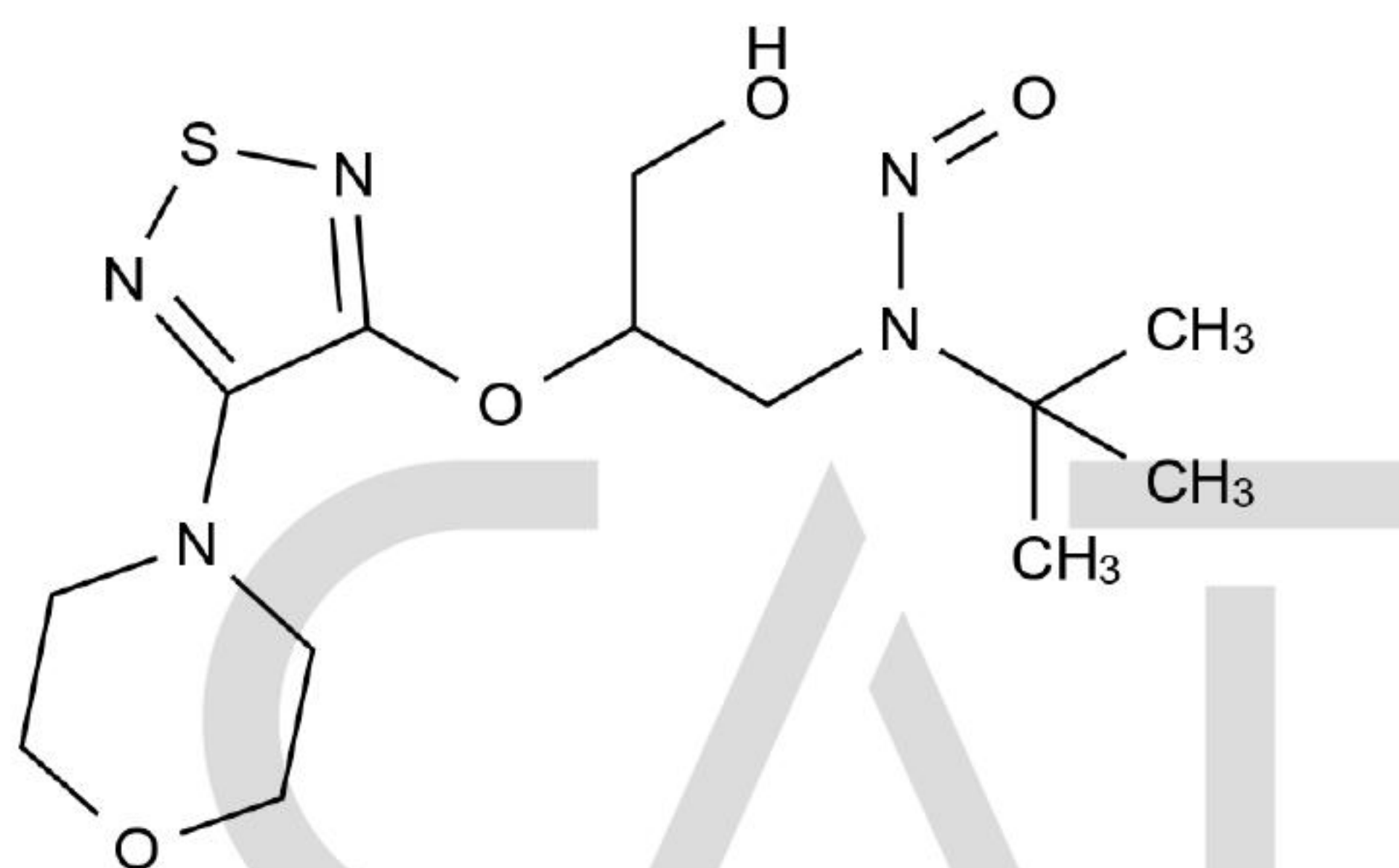


Certificate of Analysis

Reference Material & Standard

Product Name:	Timolol Impurity 28	Catalogue Number:	C4X-149628
Synonyms:	N/A	Lot Number:	0908-RG-0010
CAS Number:	N/A	Expiry Date:	Mar 28, 2027
Molecular Formula:	C ₁₃ H ₂₃ N ₅ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	345.42		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	HRMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.74%
Loss On Drying	TGA	0.8965%
Assay		95.9%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Mar 29, 2024

Date: Sep 08, 2025

Date: Sep 08, 2025



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