

Certificate of Analysis

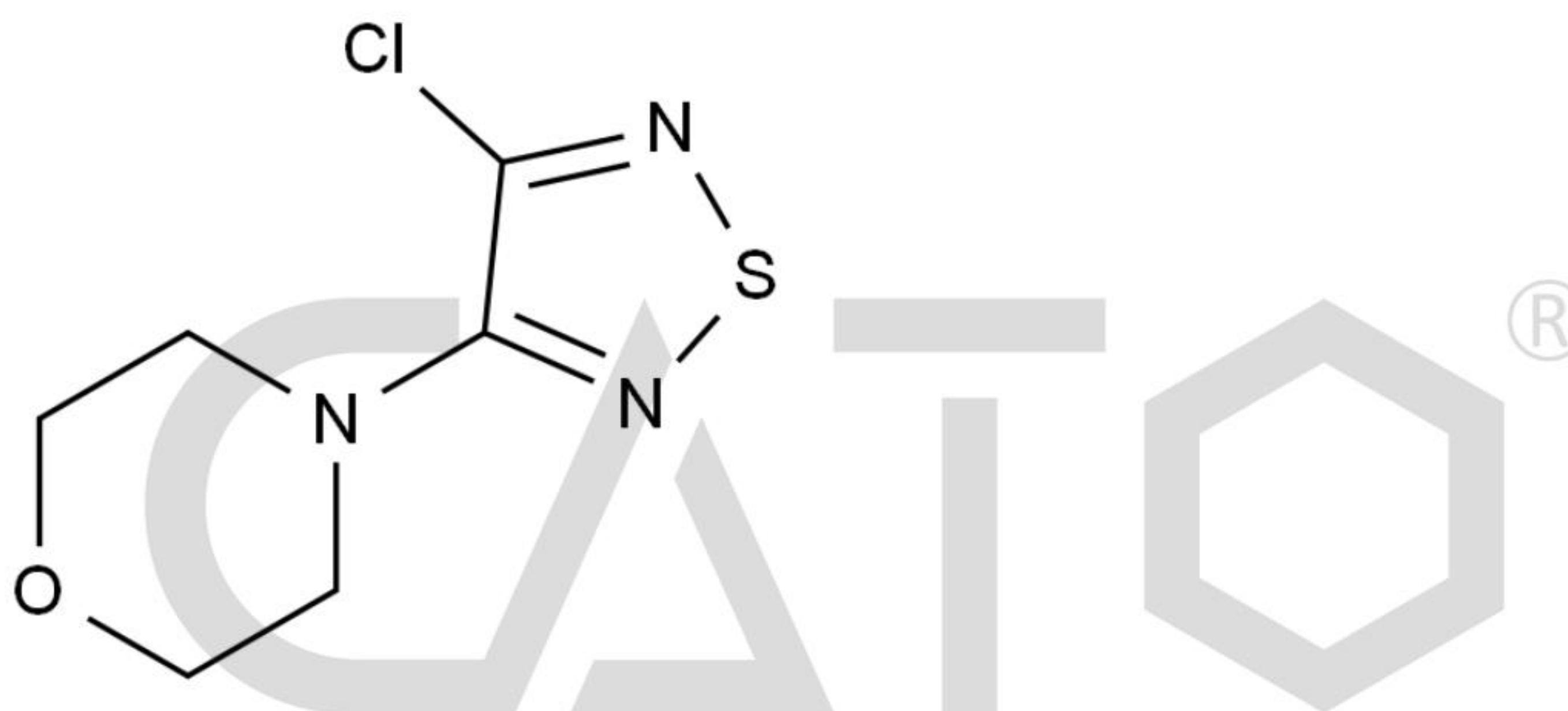
Reference Material & Standard

Product Name:	Timolol EP Impurity F	Catalogue Number:	C4X-14966
Synonyms:	Timolol USP Related Compound F	Lot Number:	1214-RE-0028
CAS Number:	30165-96-9	Expiry Date:	Dec 25, 2029
Molecular Formula:	C ₆ H ₈ ClN ₃ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	205.67	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.809%
Loss On Drying	TGA	2.3110%
Assay		97.5%

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:

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Reviewed by:

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Date: Dec 26, 2025

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