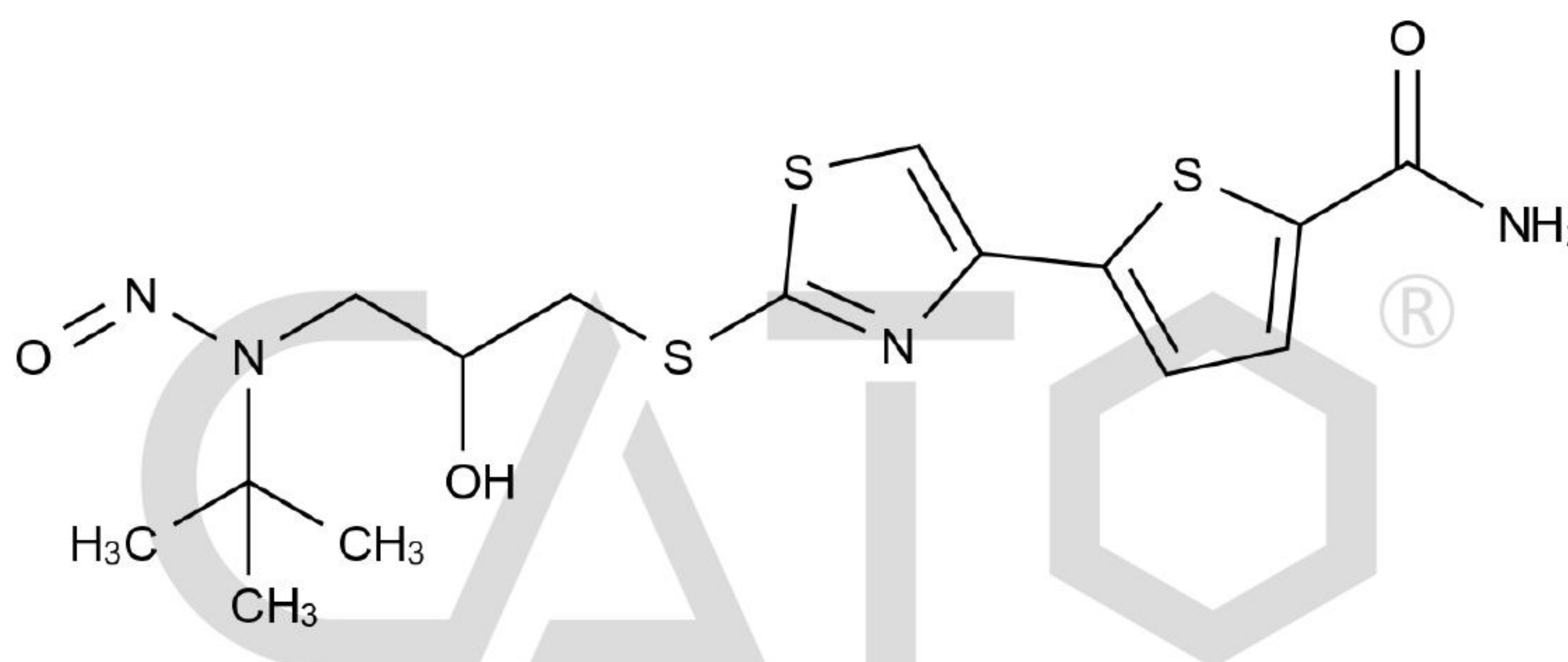


Certificate of Analysis

Reference Material & Standard

Product Name:	Arotinolol Impurity 29	Catalogue Number:	C4X-185429
Synonyms:	N/A	Lot Number:	0829-RG-0024
CAS Number:	N/A	Expiry Date:	Sep 01, 2029
Molecular Formula:	C ₁₅ H ₂₀ N ₄ O ₃ S ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	400.54	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.861%
Loss on Drying	TGA	0.6096%
Assay		99.3%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 09, 2026

Date: May 11, 2026

Date: May 11, 2026



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