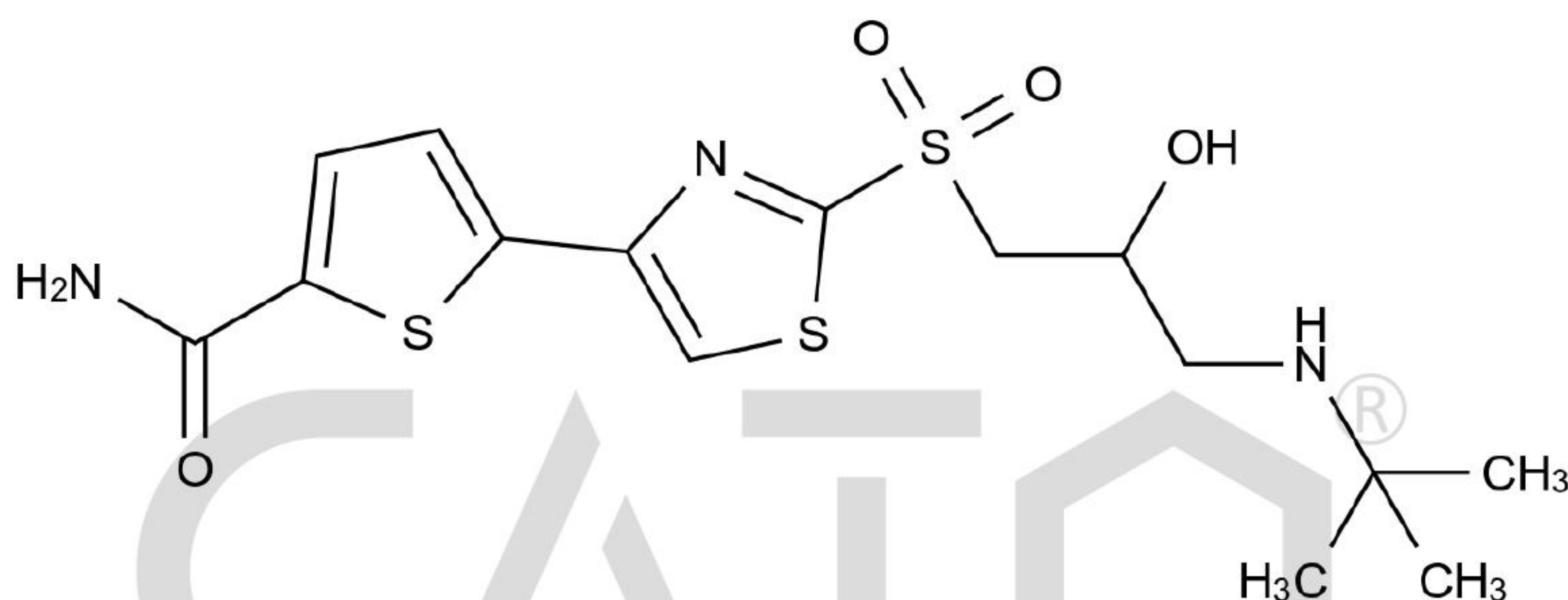


Certificate of Analysis

Reference Material & Standard

Product Name:	Arotinolol Impurity 32	Catalogue Number:	C4X-185432
Synonyms:	N/A	Lot Number:	0829-RG-0030
CAS Number:	N/A	Expiry Date:	Sep 01, 2029
Molecular Formula:	C ₁₅ H ₂₁ N ₃ O ₄ S ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	403.54		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.665%
Loss On Drying	TGA	0.7802%
Assay		94.9%

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

Approved by General Manager:

David

Date: Sep 02, 2025

Date: Sep 02, 2025

Date: Sep 02, 2025

