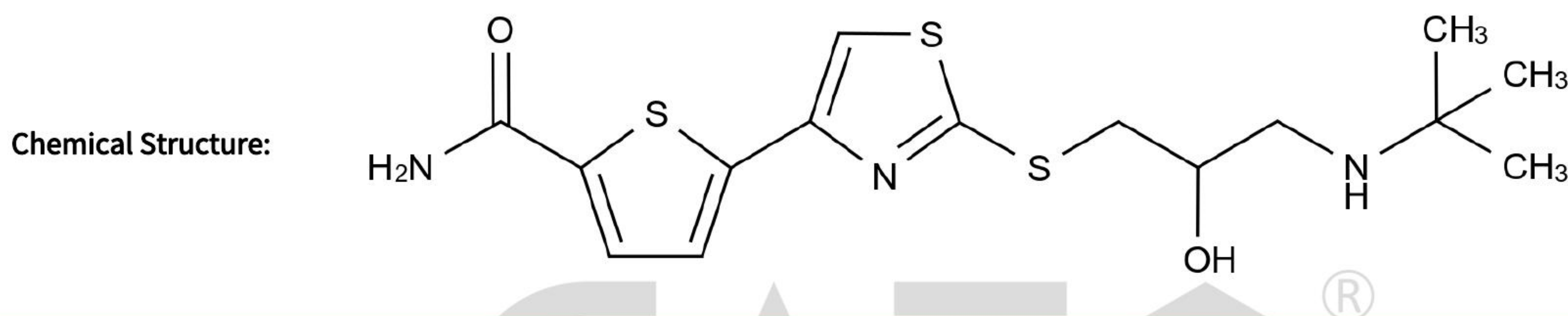


Certificate of Analysis

Reference Material & Standard

Product Name:	Arotinolol	Catalogue Number:	C4X-185444
Synonyms:	N/A	Lot Number:	0519-RG-0074
CAS Number:	68377-92-4	Expiry Date:	May 20, 2029
Molecular Formula:	C ₁₅ H ₂₁ N ₃ O ₂ S ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	371.54		



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.678%
Loss On Drying	TGA	4.5361%
Assay		95.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: May 21, 2025

Date: May 21, 2025

Date: May 21, 2025

