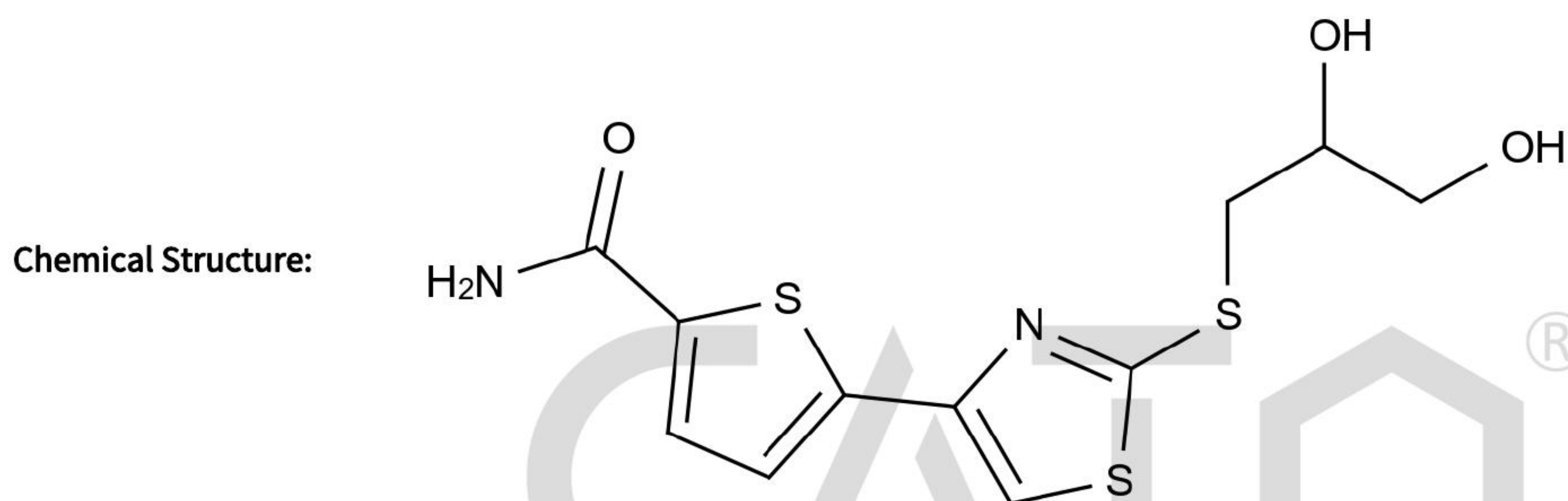


Certificate of Analysis

Reference Material & Standard

Product Name:	Arotinolol Impurity 20	Catalogue Number:	C4X-185420
Synonyms:	N/A	Lot Number:	1212-RF-0062
CAS Number:	N/A	Expiry Date:	Dec 15, 2027
Molecular Formula:	C ₁₁ H ₁₂ N ₂ O ₃ S ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	316.42		



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.124%
Loss On Drying	TGA	0.0595%
Assay		98.1%

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: Dec 16, 2024

Date: Dec 16, 2024

Date: Dec 16, 2024

