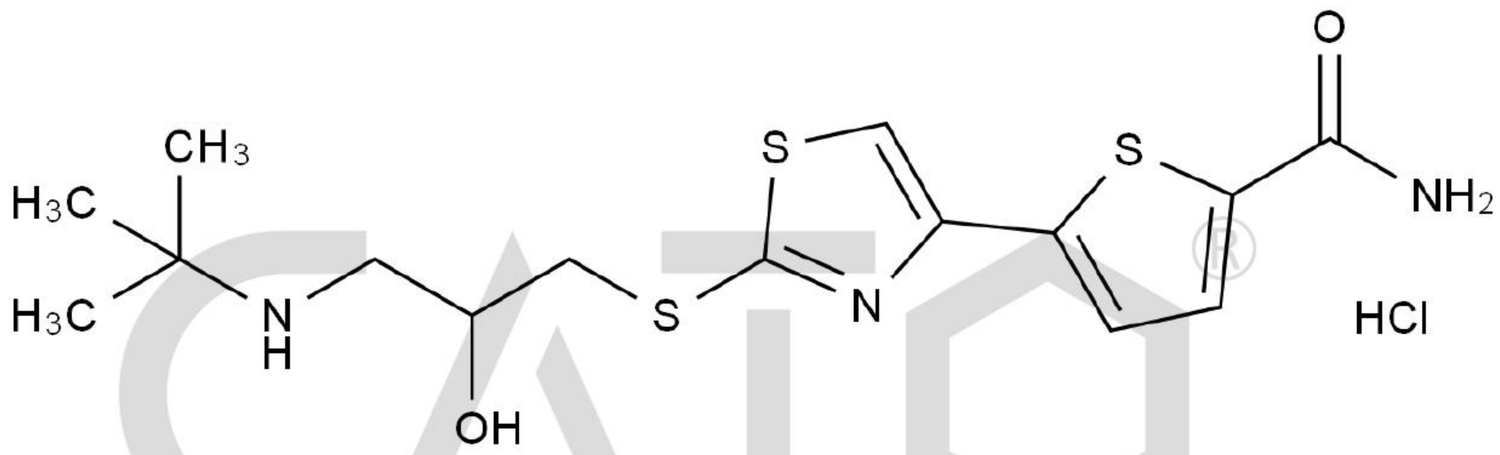
Certificate of Analysis

Reference Material & Standard

Product Name:	Arotinolol Hydrochloride	**Catalogue Number:**	C4X-1854
Synonyms:	N/A	**Lot Number:**	0913-RH-0061
CAS Number:	68377-91-3	**Expiry Date:**	Sep 14, 2030
Molecular Formula:	$C_{15}H_{21}N_3O_2S_3$ HCl	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	371.54 36.46	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.6559%
Loss on Drying	TGA	0.0640%
Assay		99.3%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Sep 15, 2026

Reviewed by: Koi — Date: Sep 15, 2026

Approved by General Manager: David — Date: Sep 15, 2026

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