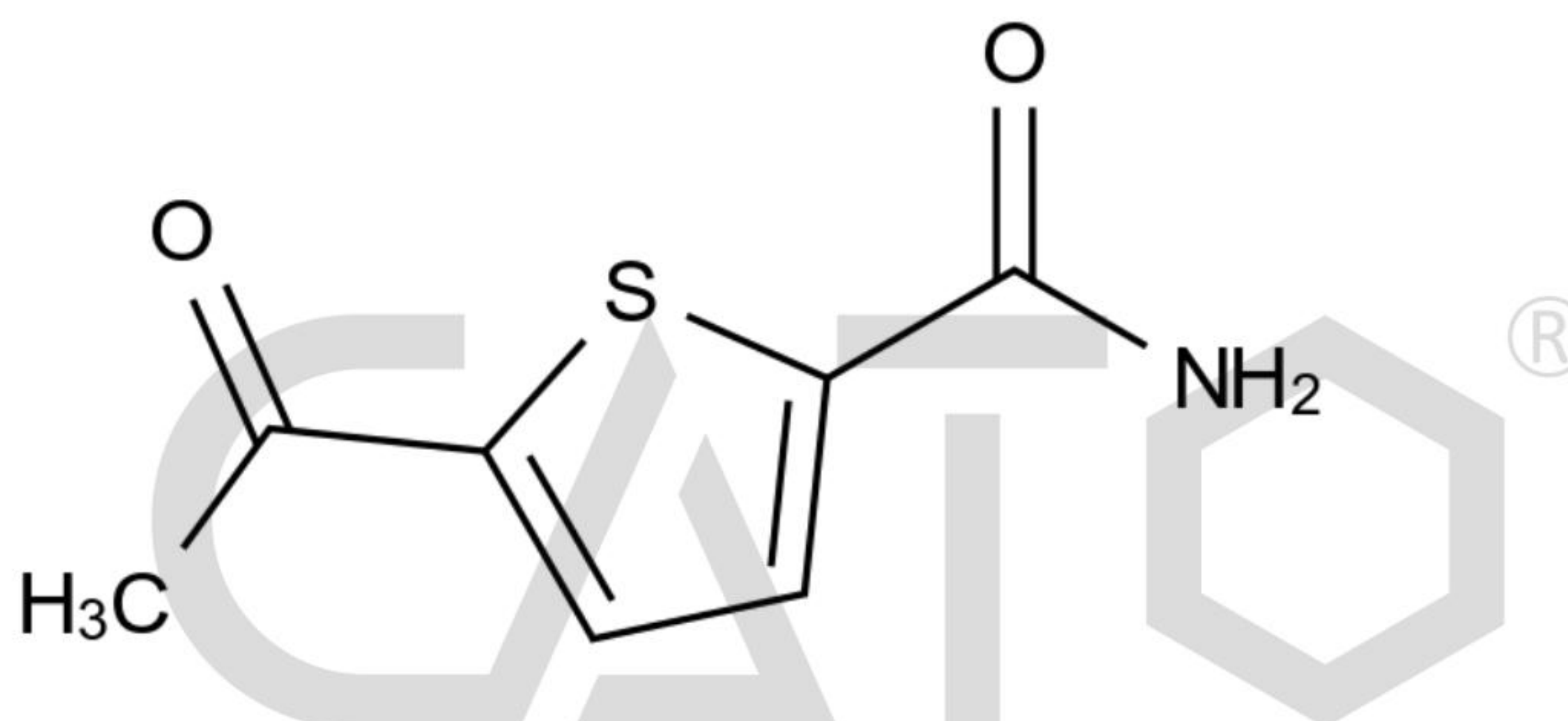


Certificate of Analysis

Reference Material & Standard

Product Name:	5-Acetylthiophene-2-carboxamide(Arotinolol Impurity 7)	Catalogue Number:	C4X-18547
Synonyms:	N/A	Lot Number:	0312-RH-0081
CAS Number:	68257-89-6	Expiry Date:	Mar 16, 2030
Molecular Formula:	C ₇ H ₇ NO ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	169.20	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.731%
Loss On Drying	TGA	0.0501%
Assay		99.7%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 17, 2026

Date: Mar 17, 2026

Date: Mar 17, 2026



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