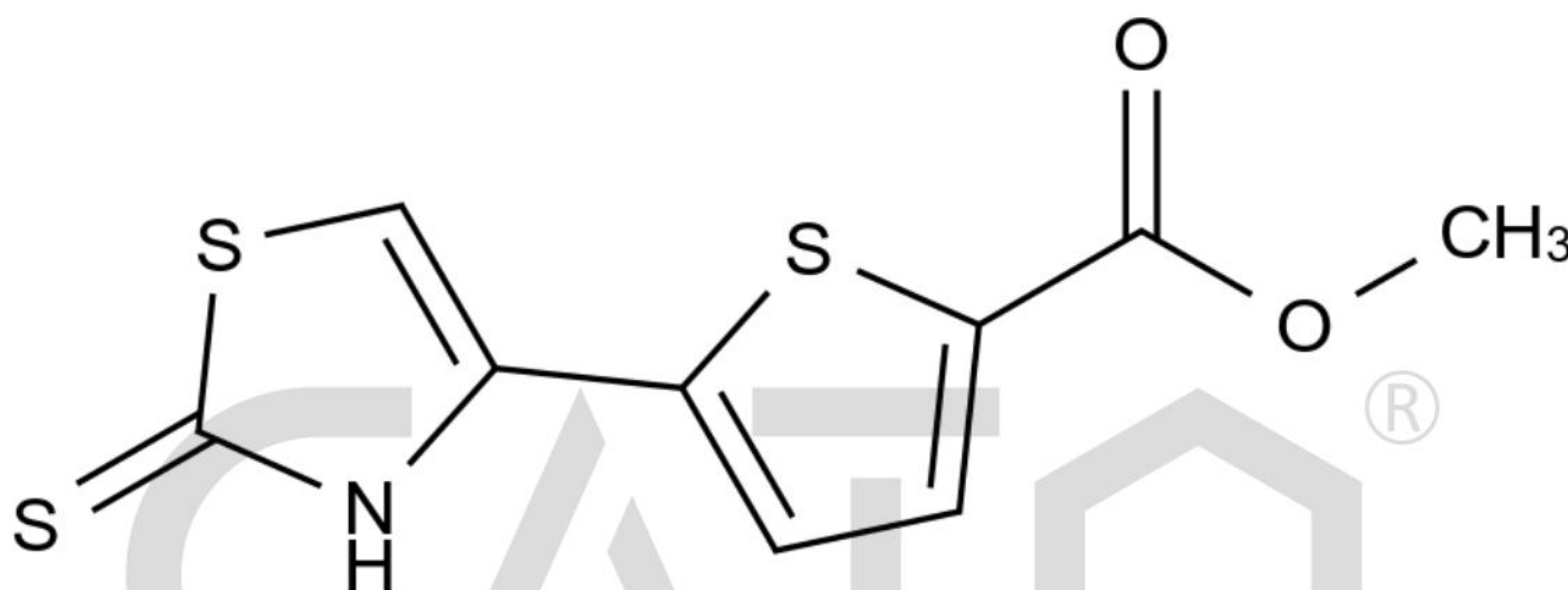


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                              |                   |                                           |
|--------------------|--------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Arotinolol Impurity 42                                       | Catalogue Number: | C4X-185442                                |
| Synonyms:          | N/A                                                          | Lot Number:       | 0410-RG-0016                              |
| CAS Number:        | 57797-77-0                                                   | Expiry Date:      | Apr 26, 2028                              |
| Molecular Formula: | C <sub>9</sub> H <sub>7</sub> NO <sub>2</sub> S <sub>3</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 257.35                                                       |                   |                                           |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Pale Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 96.9%             |
| Assay          | qNMR              | 92.8%             |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Apr 27, 2025

Date: Apr 27, 2025

Date: Apr 27, 2025

