

# Certificate of Analysis

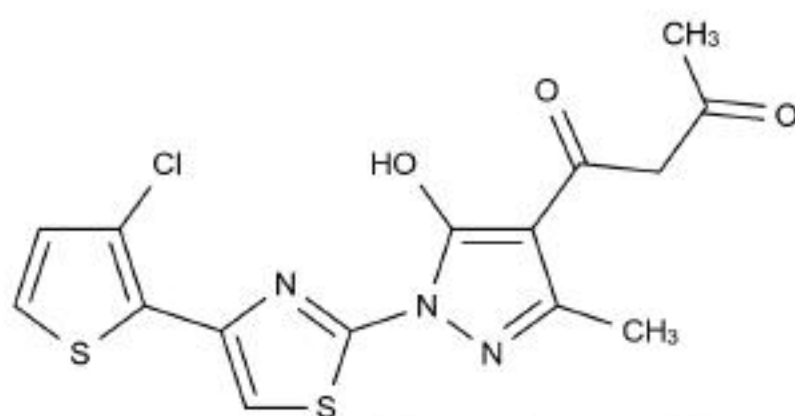
## Reference Material & Standard

|                           |                                                                                                  |                          |                                           |
|---------------------------|--------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | 1-(1-(4-(3-chlorothiophen-2-yl)thiazol-2-yl)-5-hydroxy-3-methyl-1H-pyrazol-4-yl)butane-1,3-dione | <b>Catalogue Number:</b> | C1006848                                  |
| <b>Synonyms:</b>          | N/A                                                                                              | <b>Lot Number:</b>       | 0117-SA-7029                              |
| <b>CAS Number:</b>        | 1007033-71-7                                                                                     | <b>Expiry Date:</b>      | Jan 16, 29                                |
| <b>Molecular Formula:</b> | C <sub>15</sub> H <sub>12</sub> ClN <sub>3</sub> O <sub>3</sub> S <sub>2</sub>                   | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 381.86                                                                                           |                          |                                           |

Warning:



Chemical Structure:



| Test Items      | Method            | Results   |
|-----------------|-------------------|-----------|
| Appearance      | Visual inspection | Solid     |
| Identification: | LC&HNMR           | Confirmed |
| Purity:         | HPLC              | 97.978%   |

CATO Research Chemicals Inc.

Signature:

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Date: Jan 17, 25

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## Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Jan 17, 25 | First release.      |

