

# Certificate of Analysis

## Reference Material & Standard

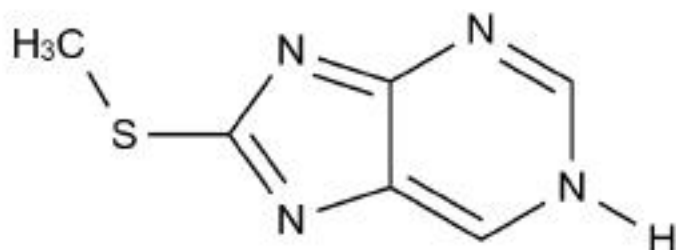
**Product Name:** (4aR,4a1R,6S,6aR,6a1S,13aS)-6a-(2-Chloroethyl)-8,9-dimethoxy-14-(2-phenylacetyl)-4a,4a1,5,6,6a,6a1,13,13a-octahydro-6,4-epiminomethano[indolo[3,2,1-ij]oxepino[2,3,4-de]quinolin-12(2H)-one  
**Synonyms:** N/A  
**CAS Number:** 34403-87-7  
**Molecular Formula:** C<sub>21</sub>H<sub>21</sub>N<sub>5</sub>  
**Molecular Weight:** 365.40

**Catalogue Number:** C1475202  
**Lot Number:** 0928-SA-7417  
**Expiry Date:** Sep 27, 29  
**Storage:** 2°C – 8°C Protected from light and Sealed

**Warning:**



Chemical Structure:



## Test Items

Appearance

Identification:

Purity:

## Method

Visual inspection

LC&HNMR

HPLC

## Results

Solid

Confirmed

96.616%

**CATO**  
CATO Research Chemicals Inc.

Signature:

Prepared by:

*Lisa*

Reviewed by:

*Yuki*

Approved by General Manager:

*David*

Date: Sep 28, 25

Date: Sep 28, 25

Date: Sep 28, 25



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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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           | Sep 28, 25 | First release.      |

