

1. Identification

Catalogue Number

R318625

Lot Number

28-GHZ-38-1

Product Name

3-Rhodanineacetic Acid

Synonyms

4-Oxo-2-Thioxo-3-thiazolidineacetic Acid; (4-Oxo-2-thioxo-1,3-thiazolidin-3-yl)acetic Acid; (4-Oxo-2-thioxothiazolidin-3-yl)acetic Acid; 2-(4-Oxo-2-thioxothiazolidin-3-yl)acetic Acid; 3-(Carboxymethyl)rhodanine; 4-Oxo-2-thioxothiazolidine-3-acetic Acid; N-(Carboxymethyl)rhodanine; NSC 40450; Rhodanine-3-ethanoic Acid; Rhodanine-N-acetic Acid

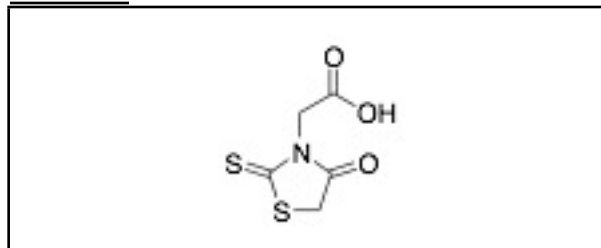
CAS Number

5718-83-2

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₅H₅NO₃S₂

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

191.23

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 31.14, %H: 2.60, %N: 7.16

HPLC Purity

>95%

99.72% (ELSD)

MS

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Sadaf Samadi

Quality Assurance Associate

Test Date

12/19/2024

Retest Date

12/17/2028