



CERTIFICATE OF ANALYSIS

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1. Identification

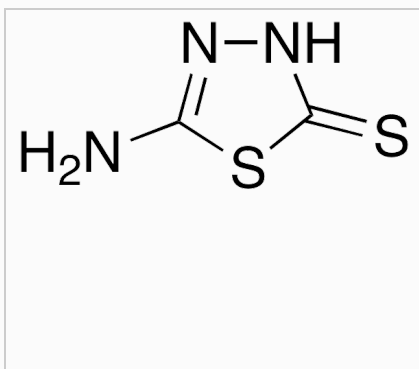
Catalogue Number: A633300

CAS Number: 2349-67-9

Synonym: 2-Amino-1,3,4-thiadiazol-5-thiol; 2-Amino-1,3,4-thiadiazole-5-mercaptan; 2-Amino-1,3,4-thiadiazole-5-thiol; 2-Amino-5-mercapto-1,3,4-thiadiazole; 2-Amino-5-mercapto-1,3,5-thiadiazole; 2-Amino-5-mercaptothiadiazole; 2-Amino-Δ²-1,3,4-thiadiazoline-5-thione; 2-Mercapto-5-amino-1,3,4-thiadiazole; 2-Thiol-5-amino-1,3,4-thiadiazole; 5-Amino-1,3,4-thiadiazole-2(3H)-thione; 5-Amino-1,3,4-thiadiazole-2-thiol; 5-Amino-1,3,4-thiadiazole-2-thione; 5-Amino-1,3,4-thiadiazoline-2-thione; 5-Amino-1,3,4-thidiazole

Product: 5-Amino-1,3,4-thiadiazole-2-thiol

Structure:



Molecular Formula:

C₂H₃N₃S₂

Molecular weight:

133.19

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2-CTZ-94-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Beige Solid	Off-White to Pale Yellow Solid
Elemental Analysis	Conforms	%C: 18.02, %H: 2.06, %N: 31.22
HPLC Purity	Report Result	99.76% (315 nm)
MS	Conforms to Structure	Conforms
NMR	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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	11/29/2021	11/27/2025
				