



CERTIFICATE OF ANALYSIS

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1. Identification

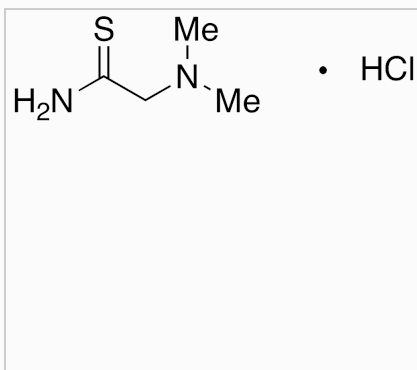
Catalogue Number: D470990

CAS Number: 27366-72-9

Product: 2-(Dimethylamino)thioacetamide Hydrochloride

Synonym: 2-(Dimethylamino)ethanethioamide Hydrochloride; Nizatidine EP Impurity H; Nizatidine EP Impurity H

Structure:



Molecular Formula:

C₄H₁₀N₂S • HCl

Molecular weight:

154.66

Source of Product:

N/A

Solubility:

DMSO (Sparingly), Methanol (Slightly)

Lot Number: 21-SBL-172-1

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:
Chloride Content	Report Result	23.7%
NMR	Conforms to Structure	Conforms
Appearance	Pale Brown to Brown Solid	Pale Brown to Light Brown Solid
MS	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	100.00% (ELSD)
Elemental Analysis	Conforms	%C: 30.66, %H: 7.37, %N: 17.56

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	3/21/2022	3/19/2026