



CERTIFICATE OF ANALYSIS

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1. Identification

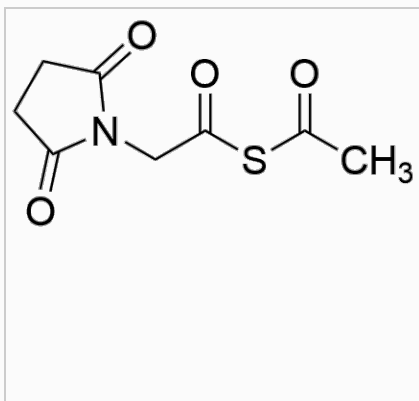
Catalogue Number: S690010

CAS Number: 76931-93-6

Product: N-Succinimidyl-S-acetylthioacetate

Synonym: Ethanethioic Acid S-[2-[(2,5-Dioxo-1-pyrrolidinyl)oxy]-2-oxoethyl] Ester; SATA

Structure:



Molecular Formula:

C₈H₉NO₅S

Molecular weight:

231.23

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethanol (Slightly), Methanol (Sparingly)

Lot Number: 12-KMT-124-3

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped With Dry Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
Melting Point	Report Result	98 - 99°C
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 41.44, %H: 3.79, %N: 5.99
MS	Conforms to Structure	Conforms
HPLC Purity	>96%	97.43% (225 nm)

Additional Information:

TLC Conditions: SiO₂; Ethyl Acetate : Hexanes = 1 : 1; Visualized with UV and KMnO₄; R_f = 0.35. Co-Spot with 14-YMK-66-2; R_f = 0.35.

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
Evan Burns	Toni Rantanen	Chanell Chu	11/19/2021	11/17/2025