



CERTIFICATE OF ANALYSIS

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1. Identification

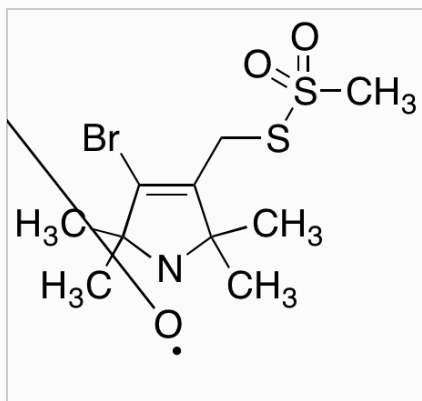
Catalogue Number: B686290

CAS Number: 215956-55-1

Product: 4-Bromo-(1-oxyl-2,2,5,5-tetramethyl- Δ 3-pyrroline-3-methyl) Methanethiosulfonate

Synonym: 3-Bromo-2,5-dihydro-2,2,5,5-tetramethyl-4-[[methylsulfonylthio]methyl]-1H-pyrrol-1-yloxy; 4-Bromo-MTSL

Structure:



Molecular Formula:

C₁₀H₁₇BrNO₃S₂

Molecular weight:

343.28

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 4-AZC-135-2

Purity: 95%

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	Brown Solid	Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 35.13, %H: 4.68, %N: 4.28
HPLC Purity	>95%	98.23% (210 nm)

Additional Information: Elemental Analysis: (Theoretical) %C: 34.99, %H: 4.99, %N: 4.08

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 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
Hanxiang Li	Toni Rantanen	My Nguyen	11/23/2020	11/21/2030

Hanxiang Li