



1. Identification

Catalogue Number

O875000

Lot Number

5-FAI-125-1

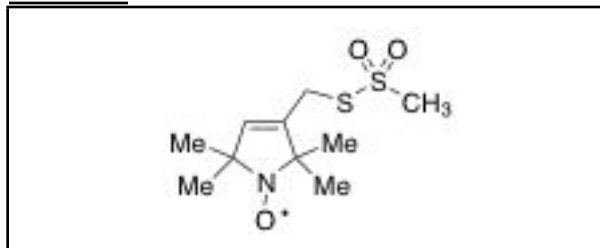
Product Name

(1-Oxyl-2,2,5,5-tetramethyl-Δ³-pyrroline-3-methyl) Methanethiosulfonate

Synonyms

2,5-Dihydro-2,2,5,5-tetramethyl-3-[[[(methylsulfonyl)thio]methyl]-1H-pyrrol-1-yloxy; MTSL; MTS; MTSSL

Structure



CAS Number

81213-52-7

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₀H₁₈NO₃S₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

264.3

Purity

97%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Light Yellow to Brown Solid

Results

Yellow Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

97.09% (210 nm)

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

Jingning Zhou

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

8/30/2024

Retest Date

8/28/2028