



CERTIFICATE OF ANALYSIS

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1. Identification

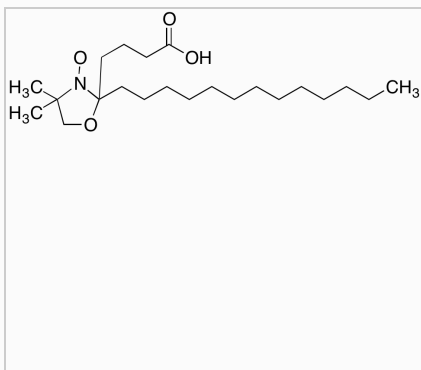
Catalogue Number: D535528

CAS Number: 29545-48-0

Product: 5-DOXYL-stearic Acid, Free Radical (>90%)

Synonym: 2-(3-Carboxypropyl)-4,4-dimethyl-2-tridecyl-3-oxazolidinyloxy;

Structure:



Molecular Formula:

C₂₂H₄₂NO₄

Molecular weight:

384.57

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 10-WHO-43-5

Purity: 98%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Yellow to Dark Beige Solid	Yellow to Dark Yellow Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	98.97% (ELSD)
Elemental Analysis	Conforms	%C: 68.20, %H: 10.76, %N: 2.95

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	6/27/2023	6/25/2027