



CERTIFICATE OF ANALYSIS

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1. Identification

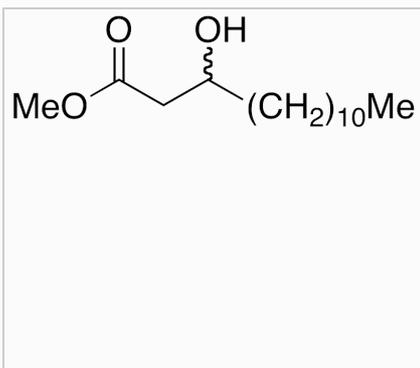
Catalogue Number: H954425

CAS Number: 55682-83-2

Product: 3-Hydroxy Myristic Acid Methyl Ester

Synonym: (±)-Methyl 3-Hydroxytetradecanoate; Methyl 3-Hydroxytetradecanoate; 3-Hydroxytetradecanoic Acid Methyl Ester;

Structure:



Molecular Formula:

C₁₅H₃₀O₃

Molecular weight:

258.4

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 4-JES-118-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Low-Melting Solid	White Low-Melting Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-0.3° (c = 0.2, Chloroform)
GC	>95%	99.86%

Additional Information:

TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 8 : 2; Visualized with AMCS and KMnO₄; Single Spot, R_f = 0.25.

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

Hanxiang Li

Reviewed By

Toni Rantanen

C of A Approved By

My Nguyen

Test Date

3/12/2020

Retest Date

3/10/2027