



CERTIFICATE OF ANALYSIS

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1. Identification

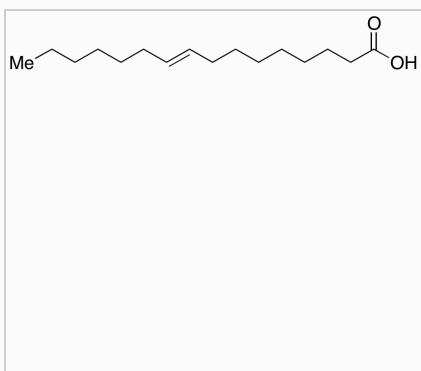
Catalogue Number: P144005

CAS Number: 10030-73-6

Product: Palmitelaidic Acid

Synonym: (9E)-9-Hexadecenoic Acid; (E)-9-Hexadecenoic Acid; (E)-Hexadec-9-enoic Acid; 9-trans-Hexadecenoic Acid; trans-9-Hexadecenoic Acid; trans-Palmitoleic Acid

Structure:



Lot Number: 2023-QIU-313

Purity: 98%

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

Storage Condition: 4°C

Molecular Formula:

C₁₆H₃₀O₂

Molecular weight:

254.41

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid	Off-White Low-Melting Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 75.57, %H: 12.00
GC Purity	Report Result	100.00%
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 $\pm 2\%$. 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
Sarjeet Kaur	Toni Rantanen	Christina Gouliaras	8/22/2023	8/20/2027