



CERTIFICATE OF ANALYSIS

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1. Identification

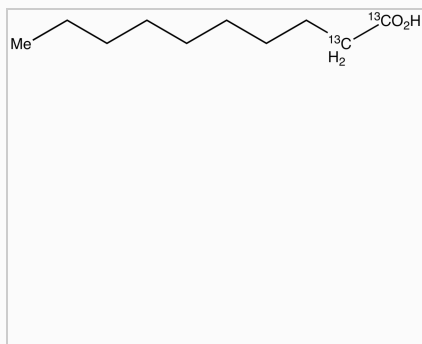
Catalogue Number: D212527

CAS Number: 287111-30-2

Product: Decanoic Acid-1,2-¹³C₂

Synonym: 1-Decanoic Acid-¹³C₂; 1-Nonanecarboxylic Acid-¹³C₂; Capric Acid-¹³C₂; Caprylic Acid-¹³C₂; Caprynic Acid-¹³C₂; Decoic Acid-¹³C₂; Decylic Acid-¹³C₂; Emery 659-¹³C₂; Lunac 10-95-¹³C₂; Lunac 10-98-¹³C₂; Lunac 10-98E-¹³C₂; NAA 102-¹³C₂; NSC 5025-¹³C₂; Prifac 2906-¹³C₂; Prifac 296-¹³C₂; n-Capric Acid-¹³C₂; n-Decanoic Acid-¹³C₂; n-Decoic Acid-¹³C₂; n-Decylic Acid-¹³C₂;

Structure:



Molecular Formula:

C₈¹³C₂H₂₀O₂

Molecular weight:

174.25

Source of Product:

Synthetic

Solubility:

No Data Available

Lot Number: 9-WBZ-180-1

Purity: 97%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Low-Melting Solid	White Low-Melting Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.93, %H: 12.00
Isotopic Purity	>95%	>99.9%
GC	Report Result	97.42%
C NMR	Conforms to Structure	Conforms

Additional Information: Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 100.00%

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

Meenakshi Sharma



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

3/10/2022

Retest Date

3/8/2026