



CERTIFICATE OF ANALYSIS

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1. Identification

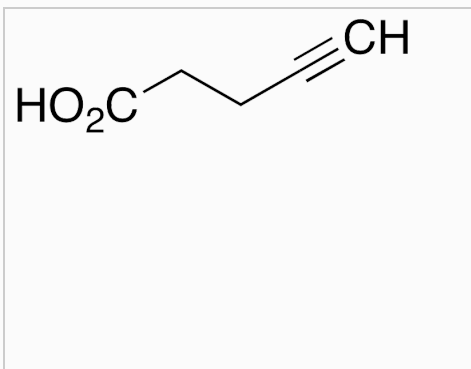
Catalogue Number: P284900

CAS Number: 6089-09-4

Product: 4-Pentynoic Acid

Synonym: Propargylacetic Acid;

Structure:



Molecular Formula:

C₅H₆O₂

Molecular weight:

98.1

Source of Product:

N/A

Solubility:

Chloroform (Soluble),
Methanol (Soluble)

Lot Number: 2023-JPO-169

Purity: 98%

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

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 60.67, %H: 6.17
GC Purity	Report Result	98.72%
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
Nicole Yip	Toni Rantanen	Christina Gouliaras	4/3/2023	4/1/2027