Certificate of Analysis

4-Pentynoic acid

Cat. No.: HY-Y1230
CAS No.: 6089-09-4
Batch No.: 33204

Chemical Name: 4-Pentynoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_5H_6O_2$ Molecular Weight: 98.10

Storage: Pure form -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to light yellow (<54°C Solid,>57°C Liquid)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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