



CERTIFICATE OF ANALYSIS

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1. Identification

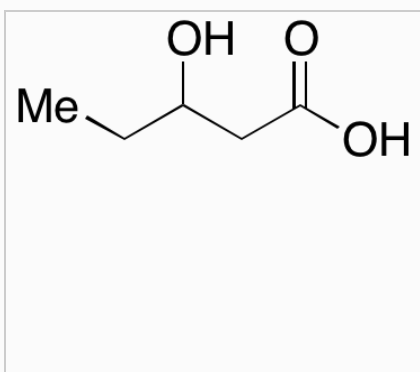
Catalogue Number: H949470

CAS Number: 10237-77-1

Product: rac-3-Hydroxypentanoic Acid

Synonym: 3-Hydroxyvaleric Acid; (±)-3-Hydroxypentanoic Acid; 3-Hydroxy-n-valeric Acid; β-Hydroxy-n-valeric Acid; β-Hydroxyvaleric Acid

Structure:



Molecular Formula:

C₅H₁₀O₃

Molecular weight:

118.13

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), DMSO (Slightly)

Lot Number: 9-JES-47-1

Purity: 95%

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

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Oil to Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
GC Purity	Report Result	96.85%
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 ± 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
Henry Tieu	Toni Rantanen	Christina Gouliaras	2/29/2024	2/27/2028