



CERTIFICATE OF ANALYSIS

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1. Identification

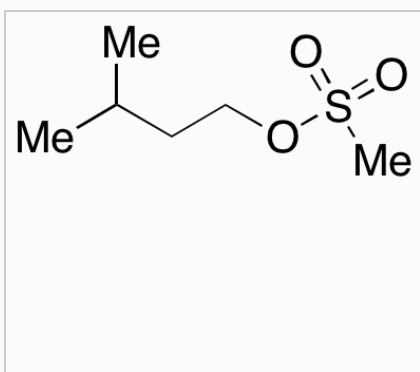
Catalogue Number: I821885

CAS Number: 16156-55-1

Product: Isopentyl Mesylate

Synonym: 3-Methyl-1-butanol 1-Methanesulfonate; 3-Methyl-1-butanol Methanesulfonate; Isopentyl Alcohol Methanesulfonate; Methanesulfonic Acid 3-Methylbutyl Ester

Structure:



Molecular Formula:

C₆H₁₄O₃S

Molecular weight:

166.24

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 3-GSU-109-1

Purity: 96%

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	Orange Oil	Orange Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 43.24, %H: 8.67, %N: 0.19
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
Evan Burns	Toni Rantanen	Christina Gouliaras	6/30/2022	6/28/2026