



CERTIFICATE OF ANALYSIS

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1. Identification

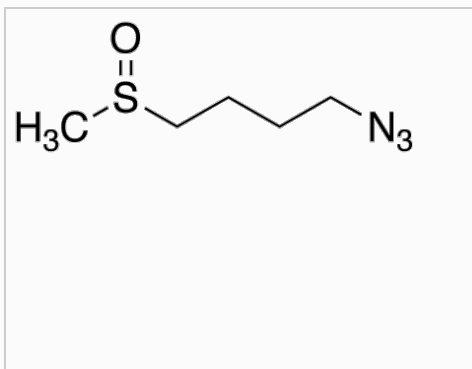
Catalogue Number: A854530

CAS Number: 155185-01-6

Product: (R)-1-Azido-4-(methylsulfinyl)-butane

Synonym:

Structure:



Molecular Formula:

C₅H₁₁N₃OS

Molecular weight:

161.22

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 11-USH-93-2

Purity: 98%

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:
FT-IR	Conforms to Structure	Conforms
Appearance	Colourless to Pale Yellow Oil	Clear Colourless to Pale Yellow Oil
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 37.83, %H: 6.99, %N: 25.32
Specific Rotation	Report Result	-79.3° (c = 0.2, Chloroform)
HPLC Purity	Report Result	98.46% (205 nm)

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

Chanell Chu

10/27/2021

10/25/2025