

**1. Identification**Catalogue Number

M260450

Lot Number

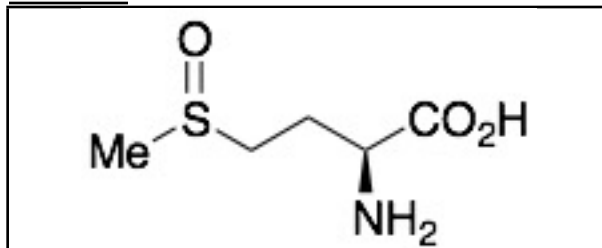
712280178-2-1

Product Name

L-Methionine Sulfoxide

Synonyms

L-2-Amino-4-[methylsulfinyl]butanoic Acid;

StructureCAS Number

3226-65-1

SolubilityAqueous Acid (Slightly), Water
(Slightly)Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular FormulaC₅H₁₁NO₃SSource of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

165.2

Purity

>95%

2. Warnings

Hygroscopic, Temperature sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Beige Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 36.22, %H: 6.49, %N: 8.40
HPLC Purity	>95%	99.25% (ELSD)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+50.0° (c = 1.0, Water)

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/8/2025	8/6/2029
Swathi Reddy	Toni Rantanen	Nicole Badiali		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		