

**1. Identification**Catalogue Number

N529000

Lot Number

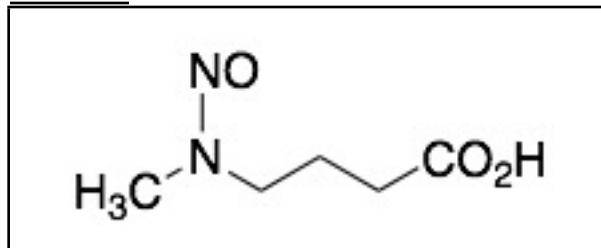
8-ACM-36-1

Product Name

N-Nitroso-N-methyl-4-aminobutyric Acid

Synonyms

4-(Methylnitrosoamino)butanoic Acid; N-Methyl-N-(3-carboxypropyl) nitrosamine ; NMBA

StructureCAS Number

61445-55-4

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C5H10N2O3

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

146.14

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical InformationTests

Appearance

Specifications

Off-White to Yellow Oil to Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 41.08, %H: 6.95, %N: 19.14

HPLC Purity

>95%

99.88% (230 nm)

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 $\pm 2\%$. 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. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

1/23/2024

Retest Date

1/21/2028