

1. Identification

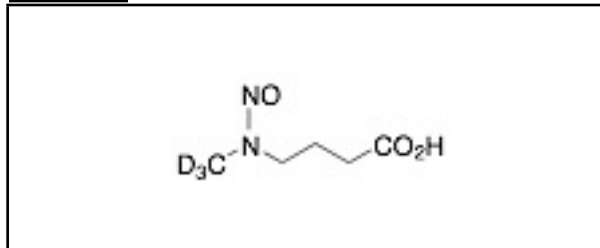
Catalogue Number

N529002

Lot Number

10-EAW-152-2

Structure



Product Name

N-Nitroso-N-methyl-4-aminobutyric Acid-d3

Synonyms

4-[(Methyl-d3)nitrosoamino]butanoic Acid; N-(Methyl-d3)-N-(3-carboxypropyl) nitrosamine; NMBA-d3;

CAS Number

1184996-41-5

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₅H₇D₃N₂O₃

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

149.16

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Yellow Oil to Low-Melting Solid

Results

Off-White Low-Melting Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

100.00% (230 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.02%, d₂ = 0.01%, d₃ = 99.97%

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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

5/23/2024

Retest Date

5/21/2028