

1. Identification

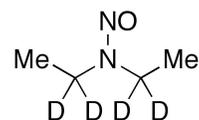
Catalogue Number

N525467

Lot Number

11-JMR-133-2

Structure



Product Name

N-Nitrosodiethylamine-d4

Synonyms

N-Ethyl-N-nitrosoethanamine-d4; DEN-d4; DENA-d4; Diethylnitrosamide-d4; Diethylnitrosamine-d4; Diethylnitrosoamine-d4; N,N-Diethylnitrosoamine-d4; N-Ethyl-N-nitrosoethanamine-d4; N-Nitroso-N,N-diethylamine-d4; NDEA-d4; NSC 132-d4; Nitrosodiethylamin-d4;

CAS Number

1346603-41-5

Solubility

Chloroform (Sparingly), Ethyl Acetate (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₄H₆D₄N₂O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

106.16

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 45.36, %H: 9.26, %N: 26.67

GC Purity

>95%

99.94%

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.01%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 99.99%

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

A. Vijaya

Vijaya Annapareddy

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

10/8/2024

Retest Date

10/6/2028