

## 1. Identification

Catalogue Number

KIT9103

Lot Number

2025-MAH-067

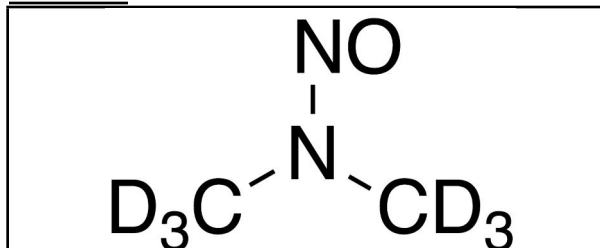
Product Name

N-Nitrosodimethylamine-d6 (1.0 mg/mL in Methanol)

Synonyms

N-Nitrosodi-N-methylamine-d6; Dimethylnitrosamine-d6; NDMA-d6; NSC 23226-d6;

Structure



CAS Number

17829-05-9

Solubility

Methanol (Soluble)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C2D6N2O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

80.12

Purity

>95%

## 2. Warnings

Very Volatile

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Solution

Results

Colourless Solution

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.9%

## Additional Information

Preparation: 10.3 mg of N525627, KL-309 to 10 mL of Methanol.

Normalized Intensity: d<sub>0</sub> = 0.00%, d<sub>1</sub> = 0.00%, d<sub>2</sub> = 0.02%, d<sub>3</sub> = 0.46%, d<sub>4</sub> = 1.09%, d<sub>5</sub> = 9.09%, d<sub>6</sub> = 89.35%

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



Vijaya Annapareddy

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

8/14/2025

Retest Date

11/10/2025