

1. Identification

Catalogue Number

L178532

Lot Number

12-QFY-2-3

Product Name

Lauramine Oxide-d6

Synonyms

N,N-Dimethyl-1-Dodecanamine N-Oxide-d6; AX (amine oxide)-d6; AX 22-d6; AX-S-d6; AX-SS-d6; Admox 12-d6; Ammonyx AO-d6; Ammonyx C10 Amine Oxide-d6; Ammonyx DMCD 40-d6; Ammonyx LO-d6; Ammonyx LO-E-d6; Amogen AOL-d6; Amphitol 20N-d6; Aromox DM 12D-d6; Aromox DM 12D-W-d6; Aromox DM 12DW(C)-d6; Aromox DM 12W-d6; Aromox DMCD-d6; Atlas CD 413-d6;

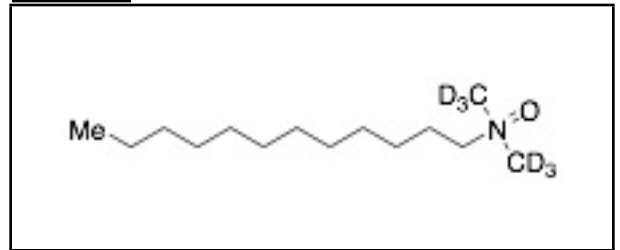
CAS Number

N/A

Solubility

Acetonitrile (Slightly), Water (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₄H₂₅D₆NO

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

235.44

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 65.28, %H: 12.49, %N: 5.52

HPLC Purity

>95%

99.60% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>99.9%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.02%, d₅ = 0.00%, d₆ = 99.98%

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



Henry Tieu

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

3/25/2024

Retest Date

3/23/2028