

1. Identification

Catalogue Number

H296812

Lot Number

2022-SUM-006

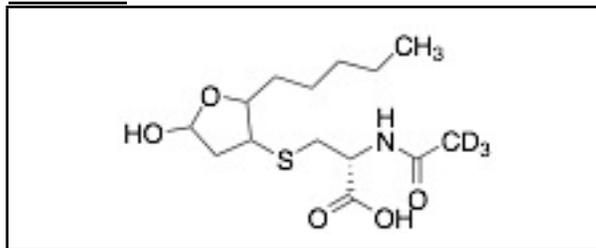
Product Name

4-Hydroxy Nonenal Mercapturic Acid-d3

Synonyms

N-Acetyl-S-(tetrahydro-5-hydroxy-2-pentyl-3-furanyl)-L-cysteine-d3

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₄H₂₂D₃NO₅S

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

322.44

Purity

N/A

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Beige Solid

Results

Light Beige to Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 52.17, %H: 7.58, %N: 4.37

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

>95% by NMR

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 ± 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
Jr. Quality Assurance

Test Date

12/21/2022

Retest Date

12/19/2026