

1. Identification

Catalogue Number

A179132

Lot Number

6-DAR-110-1

Product Name

N-Acetyl-S-(2-hydroxy-3-propionamide)-L-cysteine-d3 Dicyclohexylammonium Salt

Synonyms

N-Acetyl-S-(3-amino-2-hydroxy-3-oxopropyl)-L-cysteine-d3 Dicyclohexylammonium Salt;
N-Acetyl-S-(2-carbamoyl-2-hydroxyethyl)-L-cysteine-d3 Dicyclohexylammonium Salt;
GAMA-d3 Dicyclohexylammonium Salt;

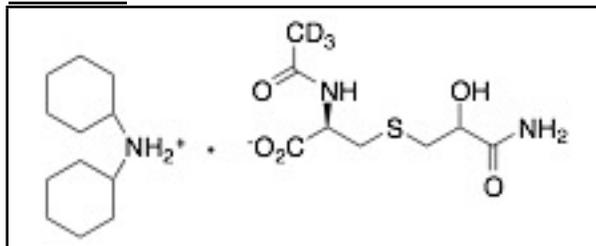
CAS Number

N/A

Solubility

Methanol (Slightly), Water (Very Slightly)

Structure



Molecular Formula

C₂₀H₃₄D₃N₃O₅S

Source of Product

Synthetic

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Weight

434.61

Purity

>95%

Long Term Storage Conditions

-20°C, Inert atmosphere

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.85, %H: 8.81, %N: 9.53
HPLC Purity	>95%	98.02% (ELSD)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.7%

Additional Information

Normalized Intensity: d₀ = 0.25%, d₁ = 0.01%, d₂ = 3.21%, d₃ = 96.53%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/7/2025	8/5/2029
Jessica Wang Chi Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Nicole Badiali Quality Assurance Associate		