

1. Identification

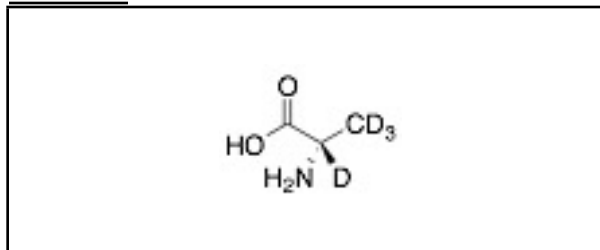
Catalogue Number

A481502

Lot Number

1-TRD-124-1

Structure



Product Name

L-Alanine-d4

Synonyms

(2S)-2-Aminopropanoic Acid-d4; (S)-(+)-Alanine-d4; (S)-2-Aminopropanoic Acid-d4; (S)-Alanine-d4; L-(+)-Alanine-d4; L-2-Aminopropanoic Acid-d4; L-2-Aminopropionic Acid-d4; L-α-Alanine-d4; L-α-Aminopropionic Acid-d4; Lactamine-d4; NSC 206315-d4; α-Alanine-d4; α-Aminopropionic Acid-d4;

CAS Number

18806-29-6

Solubility

Aqueous Acid (Slightly), Methanol (Slightly), Water (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃H₃D₄NO₂

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

93.12

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

100.00% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.3%

Additional Information

Normalized Intensity: d₀ = 0.26%, d₁ = 0.00%, d₂ = 0.06%, d₃ = 1.68%, d₄ = 98.00%

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

Sarbjeet Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

5/24/2023

Retest Date

5/22/2027