



1. Identification

Catalogue Number

T947212

Lot Number

59-GHZ-115-1

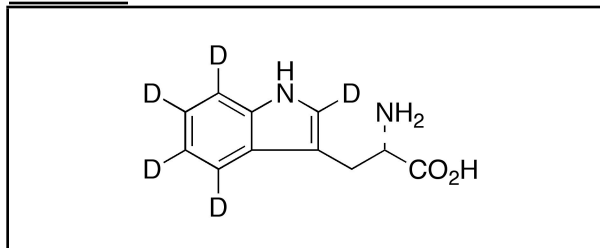
Product Name

L-Tryptophan-d5

Synonyms

(+/-)-Tryptophan-d5; (-)-1H-Indole-3-alanine-d5; L- α -Amino-3-indolepropionic Acid-d5; NSC 13119-d5; L- α -Aminoindole-3-propionic Acid-d5;

Structure



CAS Number

62595-11-3

Solubility

Aqueous Acid (Slightly), Methanol
(Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₁₁H₇D₅N₂O₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

209.26

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.89% (220 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.7%

Additional Information

Normalized Intensity: d₀ = 0.09%, d₁ = 0.00%, d₂ = 0.01%, d₃ = 0.23%, d₄ = 5.63%, d₅ = 94.05%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

12/24/2024

Retest Date

12/22/2028