



1. Identification

Catalogue Number

C535702

Lot Number

7-MJK-8-1

Product Name

L-Citrulline-d6

Synonyms

N5-(Aminocarbonyl)-L-ornithine-d6; Citrulline-d6; N5-Carbamoyl-L-ornithine-d6; NSC 27425-d6; Nδ-Carbamylornithine-d6; α-Amino-δ-ureidovaleric Acid-d6; δ-Ureidonorvaline-d6;

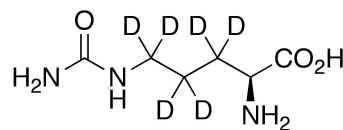
CAS Number

1331908-61-2

Solubility

Water (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆H₇D₆N₃O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

181.22

Purity

>99%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Yellow Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

100.00% (ELSD)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.7%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 7.86%, d₅ = 92.14%

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

Neha Khanna

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

8/7/2024

Retest Date

8/5/2028