



CERTIFICATE OF ANALYSIS

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1. Identification

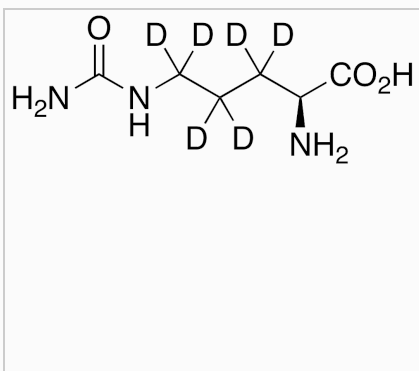
Catalogue Number: C535702

CAS Number: 1331908-61-2

Product: L-Citrulline-d6

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

Structure:



Molecular Formula:

C₆H₇D₆N₃O₃

Molecular weight:

181.22

Source of Product:

Synthetic

Solubility:

Aqueous Acid (Slightly),
Water (Slightly)

Lot Number: 3-CHG-176-2

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance		White to Off-White Solid
NMR		
MS		
Isotopic Purity		97.0%
Specific Rotation		+2.2° (c = 0.2, Water)

Additional Information:

Elemental Analysis: (Theoretical) %C: 39.77, %H: 7.23, %N: 23.19
Normalized Intensity: d0 = 0.08%, d1 = 0.45%, d2 = 0.51%, d3 = 0.34%, d4 = 6.08%, d5 = 0.00%, d6 = 92.54%

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Xhoana Gjergji	Neha Khanna	My Nguyen	8/16/2019	8/14/2026