



CERTIFICATE OF ANALYSIS

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1. Identification

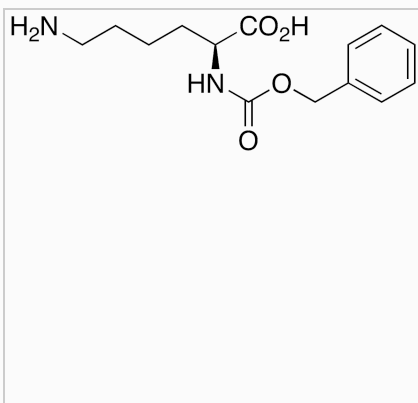
Catalogue Number: P335705

CAS Number: 2212-75-1

Product: N2-[(Phenylmethoxy)carbonyl]-L-lysine

Synonym: N2-Carboxy-L-lysine N-Benzyl Ester; N2-Carboxy-lysine N-Benzyl Ester; L-N2-carboxy-Lysine N2-benzyl Ester; N- α -Benzyloxycarbonyl-L-lysine; N- α -Carbobenzoxy-L-lysine; N2-Benzyloxycarbonyl-L-lysine; N2-Benzyloxycarbonyllysine; N2-Carboxyllysine N2-benzyl Ester; N- α -(Benzyloxycarbonyl)lysine; α -Carbobenzoxy-L-lysine; α -N-Benzyloxycarbonyl-L-lysine; Z-Lys-OH;

Structure:



Molecular Formula:

C₁₄H₂₀N₂O₄

Molecular weight:

280.32

Source of Product:

N/A

Solubility:

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

Lot Number: 711917242-1-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 59.79, %H: 7.48, %N: 10.06
HPLC Purity	Report Result	99.31% (210 nm)
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-10.9° (c = 1.0, 2N HCl)

Additional Information: N/A

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	12/20/2023	12/18/2027
				