

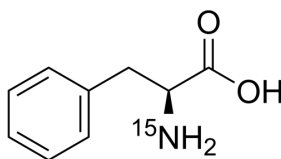
L-Phenylalanine-¹⁵N

Cat. No.: HY-N0215S5
CAS No.: 29700-34-3
Batch No.: 353604
Chemical Name: L-Phenylalanine-¹⁵N

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₉H₁₁¹⁵NO₂
Molecular Weight: 166.18
Storage: Powder -20°C 3 years
 4°C 2 years
 In solvent -80°C 6 months
 -20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
Purity (HPLC): 98.10%
Isotopic Enrichment: 99.0%
Elemental Impurities: <0.897 ppm
Karl Fischer Titration for Total Water Content: <15000 ppm
Aerobic Bacteria: <10 CFU/g
Yeast & Mold: <10 CFU/g
Endotoxin Test (LAL) of Bulk Lot: 0.0059 EU/mg
Total Iron Content: 16 ppm
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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