Certificate of Analysis

Boc-Glu(OBzl)-OH

 Cat. No.:
 HY-W013781

 CAS No.:
 13574-13-5

 Batch No.:
 288735

Chemical Name: L-Glutamic acid, N-[(1,1-dimethylethoxy)carbonyl]-, 5-(phenylmethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{23}NO_6$ Molecular Weight: 337.37

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)

¹ H NMR Spectrum: Consistent with structure

Purity (NMR): ≥95.0%

Residue on Ignition: 0.05%

Loss on Drying: 0.34%

Optical Rotation: -16.033°(C=1g/100ml DMF)

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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