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Product Specifications

Catalogue Number 03785

Product **Boc-L-glutamic acid α -amide**

Boc-L-Glu-NH₂

Boc-L-isoglutamine

CAS Number 18800-74-3

Molecular Formula C₁₀H₁₈N₂O₅

Molecular Weight 246.26

Appearance White to off-white powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 159 - 165 °C

Water Content (Karl Fisher) ≤ 1%

Optical Rotation [α]²⁰_D = -1.5 ± 0.5 ° (C=1 in MeOH)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1% (50 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 99%

Storage Store at 0 - 8 °C

For Laboratory Use Only