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Product Specifications

Catalogue Number	03790
Product	<i>N</i>^α-Boc-<i>N</i>^δ-trityl-L-glutamine Boc-L-Gln(Trt)-OH
CAS Number	132388-69-3
Molecular Formula	C ₂₉ H ₃₂ N ₂ O ₅
Molecular Weight	488.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	~ 120 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -10 ± 1° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only