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Product Specifications

Catalogue Number	04035
Product	<i>N^α-Boc-N^γ-trityl-L-asparagine</i>
	Boc-L-Asn(Trt)-OH
CAS Number	132388-68-2
Molecular Formula	C ₂₈ H ₃₀ N ₂ O ₅
Molecular Weight	474.6

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	180 - 200 °C
Water Content (Karl Fisher)	≤ 3%
Optical Rotation	[α] _D ²⁰ = -20 ± 2 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (80 °C, 2h)
¹H NMR	Conforms to structure
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only