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Product Specifications

Catalogue Number	01335
Product	<i>N</i>^α-Boc-L-asparagine 4-nitrophenyl ester Boc-L-Asn-ONp
CAS Number	4587-33-1
Molecular Formula	C ₁₅ H ₁₉ N ₃ O ₇
Molecular Weight	353.3
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Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	140-155 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -38 ± 2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 2% (70 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only