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Product Specifications

Catalogue Number	07097
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^β-Boc-D-2,3-diaminopropionic acid Z-D-Dap(Boc)-OH
CAS Number	62234-36-0
Molecular Formula	C ₁₆ H ₂₂ N ₂ O ₆
Molecular Weight	338.4

Appearance	White to off-white powder or white crystalline powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	139 - 146 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 15 ± 1 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only