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Product Specifications

Catalogue Number	03762
Product	<i>N</i>^α-Fmoc-<i>N</i>^γ-Boc-L-2,4-diaminobutyric acid
	Fmoc-L-Dab(Boc)-OH
CAS Number	125238-99-5
Molecular Formula	C ₂₄ H ₂₈ N ₂ O ₆
Molecular Weight	440.5
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	≤ 0.5% (60 °C, 2h)
Optical Rotation	[α] _D ²⁰ = -14.0 ± 2° (C=1% in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Chiral Purity	≥ 99.5% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only