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Product Specifications

Catalogue Number	07402
Product	Fmoc-2-bromo-L-phenylalanine Fmoc-L-Phe(2-Br)-OH Fmoc- <i>o</i> -bromo-L-Phe-OH
CAS Number	220497-47-2
Molecular Formula	C ₂₄ H ₂₀ BrNO ₄
Molecular Weight	466.3
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Appearance	White powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	160 - 170 °C
Water Content (Karl Fisher)	≤ 2.0%
Optical Rotation	[α] _D ²⁰ = -67 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only