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Product Specifications

Catalogue Number	04074
Product	Fmoc-L-α-aminosuberic acid Fmoc-L-Asu-OH Fmoc-L-2-Aminooctanedioic acid
CAS Number	218457-76-2
Molecular Formula	C ₂₃ H ₂₅ NO ₆
Molecular Weight	411.46

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	154 - 159 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] ²⁰ _D = -1.5 ± 0.5 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only