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Product Specifications

Catalogue Number	50801
Product	(S)-2-(Fmoc-amino)heptanoic acid
CAS Number	1197020-22-6
Molecular Formula	C ₂₂ H ₂₅ NO ₄
Molecular Weight	367.44

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	139 - 141 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -15 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (50 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99%
Other Enantiomer	≤ 1%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only