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Product Specifications

Catalogue Number	35182
Product	Fmoc-β-cyano-D-alanine
	Fmoc- β -cyano-D-Ala-OH
CAS Number	1820575-73-2
Molecular Formula	C ₁₉ H ₁₆ N ₂ O ₄
Molecular Weight	336.34

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	212 - 214 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 40 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (90 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 2 - 8 °C

For Laboratory Use Only