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Product Specifications

Catalogue Number	49698
Product	Fmoc-2,5-dichloro-D-phenylalanine Fmoc-D-Phe(2,5-DiCl)-OH (2 <i>R</i>)-Fmoc-amino-3-(2,5-dichlorophenyl)propionic acid
CAS Number	1260596-66-4
Molecular Formula	C ₂₄ H ₁₉ Cl ₂ NO ₄
Molecular Weight	456.32

Appearance	White powder
Solubility	Clear solution (0.1g in 2mL DMF)
Melting Point	185 - 189 °C
Water Content (Karl Fisher)	≤ 2.0%
Optical Rotation	[α] _D ²⁰ = +48 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only