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Product Specifications

Catalogue Number	05765
Product	Fmoc-β-alanine pentafluorophenyl ester Fmoc- β -Ala-OPfp
CAS Number	149303-38-8
Molecular Formula	C ₂₄ H ₁₆ F ₅ NO ₄
Molecular Weight	477.4
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Appearance	White powder
Appearance of Solution	Clear, colorless solution (50 mg/mL in Dioxane)
Melting Point	116 - 118 °C
Elemental Analysis (Theory)	C = 60.4 \pm 0.4% , H = 3.4 \pm 0.4% , N = 2.9 \pm 0.4%
TLC System	Methanol 90% Plate : RP-8 Toluene/Dioxane/Acetic Acid (95:25:4) Plate : silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Assay	\geq 99% (Cth 60.38% based Elemental Analysis)
Purity by HPLC	\geq 99%
Purity by TLC	\geq 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only