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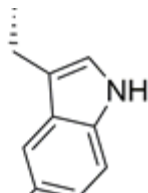
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38464
Product	Fmoc-5-fluoro-L-tryptophan Fmoc-L-Trp(5-F)-OH
CAS Number	908846-88-8
Molecular Formula	C ₂₆ H ₂₁ FN ₂ O ₄
Molecular Weight	444.45

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	161 - 178 °C
Water Content (Karl Fisher)	≤ 3%
Optical Rotation	[α] _D ²⁰ = -20.5 ± 2 ° (C = 1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.9% (ee)
D-Enantiomer	≤ 0.1%
Purity by HPLC	≥ 99.5%
Storage	Store at 0 - 8 °C

For Laboratory Use Only