

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	38464
Lot Number	000424-190605-36869
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	Off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	161.3 - 177.9 °C
Water Content (Karl Fisher)	2.27%
Optical Rotation	[α] _D ²⁰ = -21 ° (C = 1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.38% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	99.63%
Storage	Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager