

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	35192
Lot Number	000424-191109-36912
Product	Fmoc-L-tyrosine <i>tert</i>-butyl ester

Fmoc-L-Tyr-OtBu

CAS Number	133852-23-0
Molecular Formula	C ₂₈ H ₂₉ NO ₅
Molecular Weight	459.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	67.9 - 70.8 °C
Water Content (Karl Fisher)	1.50%
Optical Rotation	[α] _D ²⁰ = -10.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.24% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.75%
Storage	Store at RT

Certificate of Analysis

Catalog Number: 35192

Lot Number: 000424-191109-36912

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



Bala Kumar
Quality Control Manager