

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

Catalog Number	05728
Product Name	Fmoc-Leu-ONp Fmoc-L-leucine 4-nitrophenyl ester
Lot Number	0539936
Molecular Formula	C ₂₇ H ₂₆ N ₂ O ₆
Molecular Weight	474.51
Appearance	Off-White powder
Solubility	Clear, colorless solution (50mg/ml in Methanol)
Optical Specific Rotation (α^{24}_{D})	-48.0° (1%, dimethylformamide + 1% acetic acid)
Melting Point	116-118°C
Elemental Analysis (Found)	C 68.27%, H 5.50%, N 5.87% H ₂ O 12.1 %
Elemental Analysis (theory)	C 68.34%, H 5.52%, N 5.90% H ₂ O 12.3 %
Assay (TLC)	Purity by TLC.....>99%
Benzene/Dioxan/Acetic acid 95/25/4 (v/v/v)	detected by: UV, Ninhydrin, Chlorine-tolidine
Diethylether/hexane 1/2 (v/v)	
CHCl₃	
Plate Silicagel 60 F₂₅₄	
Purity (HPLC)	>99%
Storage	Store at 0-5°C.
Remarks	See material safety data sheets 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 'Sashi Kumar', written in a cursive style with a long horizontal stroke extending to the left.

Sashi Kumar
Quality Control Manager