

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	05761
Product Name	Fmoc-Pro-ONp Fmoc-L-proline 4-nitrophenyl ester
Lot Number	123006
CAS Registry Number	71989-32-7
Molecular Formula	C ₂₆ H ₂₂ N ₂ O ₆
Molecular Weight	458.47
Appearance	Light yellow powder
Solubility	Clear, colorless solution (5% in Dioxane)
Melting Point	118 °C
Specific Optical Rotation	$\alpha_D^{24} = -65.6^\circ$ (1% in DMF:AcOH 100:1)
Identification (FAB-MS)	[M+H] ⁺ m/z = 458.5 u
Assay by TLC	
Chloroform/ethylacetate 1/1	Detected by: UV, Ninhydrin, Chlorine-Tolidine, NH ₃
Chloroform	
Ethylacetate/hexane 4/5	
Plate: Silicagel 60 F₂₅₄	
Storage	Store at -0°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

Quality Control Manager