

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

Product Specifications

Catalogue Number	07053
Product	Fmoc-S-Boc-3-aminopropyl-L-cysteine Fmoc-L-Cys(Boc-3-aminopropyl)-OH
CAS Number	173963-91-2
Molecular Formula	C ₂₆ H ₃₂ N ₂ O ₆ S
Molecular Weight	500.62
<hr/>	
Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in Dioxane)
Melting Point	115-119 °C
Elemental Analysis (Theory)	C = 61.93%; H = 6.48%; N = 5.56%
Elemental Analysis (Found)	C = 61.82 ± 0.5%; H = 6.21 ± 0.5%; N = 5.85 ± 0.5%
Water Content (Karl Fisher)	≤ 1%
TLC System	Chloroform/Ethyl acetate/Benzene/H ₂ O (8:8:8:1) Chloroform/Methanol/Acetic Acid/ (90:8:2) Benzene/Dioxane/Acetic Acid (95:25:4) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -29.0 ± 2° (C=1 in Dimethylformamide)
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0-8 °C

Product Specifications

Catalog Number: 07053

For Laboratory Use Only