

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	05693
Product	Fmoc-S-4-methylbenzyl-D-cysteine Fmoc-D-Cys(pMeBzl)-OH
CAS Number	200354-41-2
Molecular Formula	C ₂₆ H ₂₅ NO ₄ S
Molecular Weight	447.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	152-157 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = +34 ± 2° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only