

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

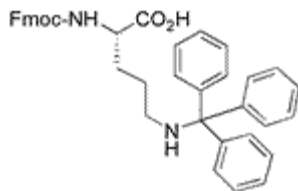
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 31954

Product N^{α} -Fmoc- N^{δ} -trityl-L-Ornithine

Fmoc-L-Orn(Trt)-OH

(*S*)-2-(((9*H*-fluoren-9-yl)methoxy)carbonylamino)-5-(tritylamino)pentanoic acid

CAS Number 1998701-26-0

Molecular Formula $C_{39}H_{36}N_2O_4$

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2ml DMF)
Melting Point	140-142 °C
Water Content (Karl Fisher)	≤ 2.0%
Optical Rotation	$[\alpha]_D^{20} = + 11 \pm 2^{\circ}$ (C=1 in THF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2.0% (60°C, 2h)
1H NMR	Conforms to structure
Chiral HPLC	≥ 99.9% (ee)
D-Enantiomer	≤ 0.1%
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

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For Laboratory Use Only