

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	50798
Product	(S)-N-Fmoc-octylglycine (S)-N-Fmoc-octyl-Gly-OH (S)-Fmoc-amino decanoic acid
CAS Number	193885-59-5
Molecular Formula	C ₂₅ H ₃₁ NO ₄
Molecular Weight	409.52

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	138 - 148 °C
Elemental Analysis (Theory)	≤ 5.0% (C, H, N)
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -12.5 ± 1.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (60 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99% (ee)
Other Enantiomer	≤ 1%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only