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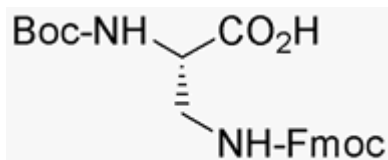
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	06305
Product	N^{α}-Boc-N^{β}-Fmoc-L-2,3-diaminopropionic acid Boc-L-Dap(Fmoc)-OH Boc-Dap(Fmoc)-OH
CAS Number	122235-70-5
Molecular Formula	$C_{23}H_{26}N_2O_6$
Molecular Weight	426.48

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	136 - 138 °C
Water Content (Karl Fisher)	$\leq 1\%$
Optical Rotation	$[\alpha]_D^{20} = -9 \pm 1^\circ$ (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	$\leq 3\%$ (50 °C, 2h)
1H NMR	Conforms to structure
Chiral HPLC	$\geq 99.5\%$ (ee)
D-Enantiomer	$\leq 0.5\%$
Purity by HPLC	$\geq 99\%$
Storage	Store at 0 - 8 °C

For Laboratory Use Only