

Chem-Impex International, Inc.

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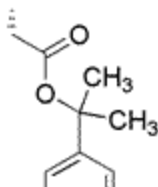
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05676
Product	Fmoc-L-aspartic acid β-2-phenylisopropyl ester Fmoc-L-Asp(2-phenylisopropoxy)-OH
CAS Number	200336-86-3
Molecular Formula	C ₂₈ H ₂₇ NO ₆
Molecular Weight	473.53
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Appearance	White to off-white powder
Solubility	Clear colorless to slightly colored solution (5% in MeOH)
Water Content (Karl Fisher)	0.5%
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Acetonitrile/Chloroform/Acetic acid (8:1:1)
Optical Rotation	$[\alpha]_D^{25} = +4.5 \pm 1^\circ$ (C=1 in MeOH)
Assay	$\geq 93.5\%$
D-Enantiomer	$\leq 0.25\%$
Purity by HPLC	$\geq 97\%$
Purity by TLC	$\geq 98\%$
Chiral Purity	$\geq 99\%$ (ee)
Storage	Store at $\leq -15^\circ\text{C}$

For Laboratory Use Only