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Product Specifications

Catalogue Number	05688
Product	Fmoc-D-aspartic acid β-2-phenylisopropyl ester Fmoc-D-Asp(2-phenylisopropoxy)-OH
CAS Number	214852-39-8
Molecular Formula	C ₂₈ H ₂₇ NO ₆
Molecular Weight	473.53

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Dioxane)
Water Content (Karl Fisher)	$\leq 0.5\%$
Acid value	Acetic acid : $\leq 0.1\%$
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Chloroform/Methanol/Acetic Acid (90:8:2) Plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay by titration	$\geq 99\%$ (TBAH)
Chiral HPLC	$\geq 99.8\%$ (ee)
L-Enantiomer	$\leq 0.2\%$
Purity by HPLC	$\geq 99\%$
Purity by TLC	$\geq 99\%$
Storage	Store at 0-8 °C

For Laboratory Use Only