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Certificate of Analysis

Catalogue Number	05676
Lot Number	001529-504001
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

Appearance	White to off-white powder
Solubility	Clear colorless 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	[α] _D ²⁵ = +4.1° (C=1 in MeOH)
Assay	99.1%
D-Enantiomer	0.1%
Purity by HPLC	99.5%
Purity by TLC	> 99%
Chiral Purity	99.9% (ee)
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager