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Product Specifications

Catalogue Number	49628
Product	N^a-Fmoc-N^w-(2,2,4,6,7-pentamethyldihydro-benzofuran-5-sulfonyl)-L-arginine Fmoc-L-Arg(Pbf)-OH
CAS Number	154445-77-9
Molecular Formula	C ₃₄ H ₄₀ N ₄ O ₇ S
Molecular Weight	648.77

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Elemental Analysis (Theory)	≤ 5% (C, H and N)
Water Content (Karl Fisher)	≤ 2%
Kaiser Test	≤ 0.05%
Optical Rotation	[α] _D ²⁵ = -4 ± 3° (C=4 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2 h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99% (ee)
D-Enantiomer	≤ 1%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

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For Laboratory Use Only