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Product Specifications

Catalogue Number	03186
Product	Fmoc-γ-<i>tert</i>-butyl ester-L-glutamol Fmoc-L-Glutamol(OtBu)
CAS Number	153815-59-9
Molecular Formula	C ₂₄ H ₂₉ NO ₅
Molecular Weight	411.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -11 ± 2° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only