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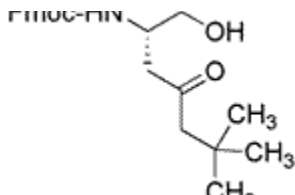
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 03175
Product *N^α-Fmoc-N^γ-tert-butyl-L-asparaginol*

Fmoc-L-Aspartimol(OtBu)

Fmoc-Asp(OtBu)-ol

CAS Number 133565-45-4

Molecular Formula C₂₃H₂₇NO₅

Molecular Weight 397.5

Appearance White to off-white powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Melting Point 94 - 103 °C
Water Content (Karl Fisher) ≤ 1%
Optical Rotation [α]_D²⁰ = -15 ± 3 ° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying ≤ 1% (40 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC ≥ 98%
Storage Store at 0 - 8 °C

For Laboratory Use Only