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Product Specifications

Catalogue Number 05347
Product **Fmoc-3-iodo-L-tyrosine**

Fmoc-3-I-L-Tyr-OH

Fmoc-3-I-L-Phe(4-OH)-OH

CAS Number 134486-00-3

Molecular Formula C₂₄H₂₀NO₅I

Molecular Weight 529.2

Appearance White to off-white powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Water Content (Karl Fisher) ≤ 1.0%

Optical Rotation [α]_D²⁰ = -11 ± 2° (C=1 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 2.0% (60 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 97.5%

Storage Store at 0-8 °C

For Laboratory Use Only