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Product Specifications

Catalogue Number 07399

Product **Fmoc-3,4,5-trifluoro-D-phenylalanine**

Fmoc-D-Phe(3,4,5-trifluoro)-OH

CAS Number 205526-31-4

Molecular Formula C₂₄H₁₈F₃NO₄

Molecular Weight 441.41

Appearance White powder

Solubility Clear solution (0.25 g in 25 mL MeOH)

Melting Point 166-172 °C

Optical Rotation [α]_D²⁰ = +42 ± 3° (C=1 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 2.0% (50 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only