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Product Specifications

Catalogue Number	07382
Product	3-Trifluoromethyl-L-phenylalanine L-Phe(3-CF ₃)-OH H-L-Phe(3-trifluoromethyl)-OH
CAS Number	14464-68-7
Molecular Formula	C ₁₀ H ₁₀ F ₃ NO ₂
Molecular Weight	233.19

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2ml 2N NaOH)
Melting Point	191-193 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = + 2 ± 1 ° (C=1, in 2N NaOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (80°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only