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Product Specifications

Catalogue Number	06547
Product	Z-4-fluoro-L-phenylalanine Z- <i>p</i> -fluoro-L-Phe-OH Z-L-Phe(4-F)-OH
CAS Number	17543-58-7
Molecular Formula	C ₁₇ H ₁₆ NO ₄ F
Molecular Weight	317.31

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	105 - 110 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] ²⁰ _D = -37 ± 1 ° (C=1.075 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only