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Product Specifications

Catalogue Number	04117
Product	L-3,4-Difluorophenylalanine L-Phe(3,4-DiF)-OH H-3,4-difluoro-L-Phe-OH
CAS Number	31105-90-5
Molecular Formula	C ₉ H ₉ F ₂ NO ₂
Molecular Weight	201.2

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 1N HCl)
Melting Point	203 - 209 °C
Optical Rotation	[α] _D ²⁰ = -3 ± 1 ° (C = 1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only