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Product Specifications

Catalogue Number	03802
Product	<i>N^α-Boc-N^ε-trifluoroacetyl-L-lysine</i> Boc-L-Lys(Tfa)-OH
CAS Number	16965-06-3
Molecular Formula	C ₁₃ H ₂₁ F ₃ N ₂ O ₅
Molecular Weight	342.3

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -11 ± 1° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only