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Product Specifications

Catalogue Number	02709
Product	<i>N^α-Boc-N^ε-biotinyl-L-lysine</i> Boc-L-Lys(biotinyl)-OH Boc-biotin
CAS Number	62062-43-5
Molecular Formula	C ₂₁ H ₃₆ N ₄ O ₆ S
Molecular Weight	472.59
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Appearance	Off-white powder
Solubility	Clear solution in 20 mg/1ml of DMF
Melting Point	145 - 148 °C (dec)
Elemental Analysis (Theory)	C = 53.37%; H = 7.68%; N = 11.85%
Elemental Analysis (Found)	C = 53.28%; H = 7.75%; N = 11.87%
Optical Rotation	[α] _D ²⁵ = + 25 ± 1° (C=1% in DMF)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only