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Product Specifications

Catalogue Number	03882
Product	<i>N^α-Z-N^ε-Boc-L-lysine 4-nitrophenyl ester</i> Z-L-Lys(Boc)-ONp
CAS Number	2212-69-3
Molecular Formula	C ₂₅ H ₃₁ N ₃ O ₈
Molecular Weight	501.54

Appearance	White powder
Solubility	Clear colorless solution (5% in Dioxane)
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Chloroform/Methanol (9:1) Chloroform/Methanol/Acetic Acid (90:8:2) Chloroform/Ethyl acetate/Acetic acid (50:50:2) Detected by: UV, ninhydrin, chlorine-tolidine, NH ₃
Optical Rotation	[α] _D ²⁴ = -17.5 ± 1° (C=1 in Acetone)
Infrared Spectrum	Conforms to structure
Purity by TLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only