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Product Specifications

Catalogue Number	03099
Product	<i>N</i>^ε-Boc-L-lysine methyl ester hydrochloride L-Lys(Boc)-OMe•HCl
CAS Number	2389-48-2
Molecular Formula	C ₁₂ H ₂₄ N ₂ O ₄ •HCl
Molecular Weight	296.8

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	152-165 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = +18.5 ± 2° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C for 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only