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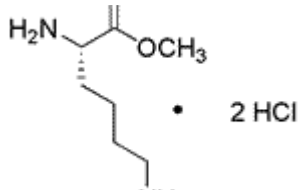

Product Specifications

Catalogue Number	03095
Product	**L-Lysine methyl ester dihydrochloride** L-Lys-OMe•2HCl
CAS Number	26348-70-9
Molecular Formula	$C_7H_{16}N_2O_2 \cdot 2HCl$
Molecular Weight	233.1

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2mL Water)
Melting Point	192 - 196 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	$[a]_D^{20}$ = 23 ± 2 º (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to Standard
Loss on Drying	≤ 1% (80 °C, 2h)
^{1}H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only