

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

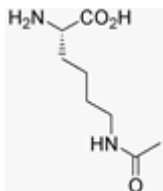
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05364
Product	N^ε-Acetyl-L-lysine L-Lys(Ac)-OH
CAS Number	692-04-6
Molecular Formula	C ₈ H ₁₆ N ₂ O ₃
Molecular Weight	188.2

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL 5N HCl)
Melting Point	220 - 240 °C
TLC System	1-Butanol : Acetic acid = 1:2
Optical Rotation	[α] _D ²⁰ = 23 ± 2 ° (C=2 in 5N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (100 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Purity by TLC	One spot
Storage	Store at ≤ -4 °C

For Laboratory Use Only