

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	04334
Product	Acetyl-4-amino-L-phenylalanine methyl ester Ac-L-Phe(4-NH ₂)-OMe•HCl Acetyl-p-amino-L-Phe-OMe•HCl
CAS Number	36097-42-4
Molecular Formula	C ₁₂ H ₁₆ N ₂ O ₃ •HCl
Molecular Weight	272.73

Appearance	Pale pink powder
Solubility	Clear colorless solution (50 mg/mL in Methanol)
Melting Point	101-106 °C
Elemental Analysis (Theory)	C = 61.00%, H = 6.83%, N = 11.86%
Elemental Analysis (Found)	C = 60.83 ± 0.5%, H = 6.98 ± 0.5%, N = 11.86 ± 0.5%
TLC System	Chloroform/Methanol/Acetic acid (85:10:5) Chloroform/Methanol/Benzene/H ₂ O (8:8:8:1) Chloroform/MeOH/Acetic Acid/H ₂ O (85:13:0.5:1.5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 39 ± 2° (C=1% in MeOH)
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only