

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

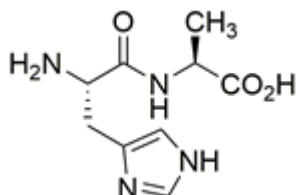
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	06077
Product	H-His-Ala-OH
CAS Number	16874-75-2
Molecular Formula	C ₉ H ₁₄ N ₄ O ₃
Molecular Weight	226.24

Appearance	White waxy cristalls
Solubility	Clear colorless solution (50 mg/mL in 80% AcOH)
Water Content (Karl Fisher)	≤ 14%
TLC System	n-Butanol/Acetic acid/Water 4/2/2 Methanol/Chloroform/Ammonia 17% 2/2/1 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, Chlorine-tolidne, TMB,
Optical Rotation	[α] _D ²⁴ = -24 ± 2 ° (C=1% in 0.1 N NaOH)
Assay (Elemental analysis)	≥ 85% (Nth : 24.76%)
Related Substances	≤ 0.1% H-His-OH
Purity by TLC	≥ 98%
Storage	Store at ≤ -15 °C

For Laboratory Use Only