

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

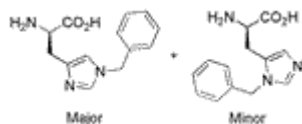
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05970
Product	<i>N</i>^{im}-Benzyl-D-histidine
	D-His(Bzl)-OH
CAS Number	2022956-35-8
Molecular Formula	C ₁₃ H ₁₅ N ₃ O ₂
Molecular Weight	245.28

Appearance	White powder
Solubility	Clear, colorless solution (50mg/ml in 80% AcOH)
Elemental Analysis (Theory)	C=55.51%; H=6.81%; N=14.94% Calc. as x 2 H ₂ O
Water Content (Karl Fisher)	≤ 13%
TLC System	Chloroform/methanol/acetic acid 32% 5/3/1 Ethylacetate/pyridine/acetic acid/water 6/5/1/3 n-butanol/acetic acid/water 4/2/2 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine, Pauly
Optical Rotation	[α] _D ²⁴ = - 17 ± 2 ° (C=1 in HCl ₂ M)
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only