

# Chem-Impex International, Inc.

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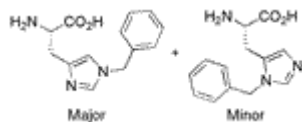
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	06071
<b>Product</b>	<b>N<sup>im</sup>-Benzyl-L-histidine</b> L-His(Bzl)-OH
<b>CAS Number</b>	16832-24-9
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight</b>	245.28

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.1 g in 2 mL 1N HCl)
<b>Melting Point</b>	232 - 239 °C
<b>Water Content (Karl Fisher)</b>	≤ 3%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 20 ± 2 ° (C=1 in 1N HCl)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 3% (105 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**