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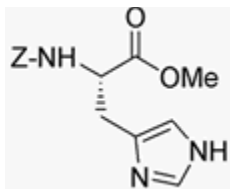
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03849
Product	<i>N</i>^α-Z-L-histidine methyl ester
	Z-L-His-OMe
CAS Number	15545-10-5
Molecular Formula	C ₁₅ H ₁₇ N ₃ O ₄
Molecular Weight	303.3

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2 mL Methanol)
Melting Point	105-110 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = -17 ± 2° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (45 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only