

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	11336
Product	Boc-D-His(3-Me)-OH Boc-D-His(π -Me)-OH Boc-N- π -methyl-D-histidine
CAS Number	200871-84-7
Molecular Formula	C ₁₂ H ₁₉ N ₃ O ₄
Molecular Weight	269.3
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Appearance	White powder
Appearance of Solution	Clear colorless solution (50 mg/ml in MeOH)
Melting Point	176 - 184 °C
Elemental Analysis (Theory)	C = 53.75 ± 0.5%; H = 6.96 ± 0.5%; N = 15.61 ± 0.5%
TLC System	Chloroform/Methanol/Acetic Acid 32% (5:3:1) Ethylacetate/Pyridine/Acetic Acid/H ₂ O (60:60:12:36) n-Butanol/Acetic Acid/H ₂ O (4:2:2) Plate : Silica gel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = -24.6 ± 2 ° (C=1% in MeOH)
Assay	≥ 99% (Elemental analysis based on Nitrogen content)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only