

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

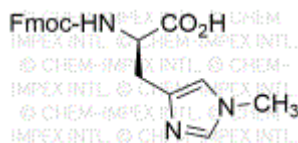
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	48171
Product	Na-Fmoc-Nim-methyl-D-histidine Fmoc-D-His(1-Me)-OH
CAS Number	1197025-85-6
Molecular Formula	C ₂₂ H ₂₁ N ₃ O ₄
Molecular Weight	391.42

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	135 - 167 °C
Water Content (Karl Fisher)	≤ 5%
Optical Rotation	[α] _D ²⁰ = 9.1 ± 5 ° (C=1 in 2N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 5% (60 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 95%
Storage	Store at RT

For Laboratory Use Only