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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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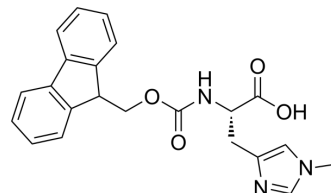
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Fmoc-1-methyl-L-histidine

Cat. No.:	HY-W048682
CAS No.:	202920-22-7
Molecular Formula:	C ₂₂ H ₂₁ N ₃ O ₄
Molecular Weight:	391.42
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (319.35 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		2.5548 mL	12.7740 mL	25.5480 mL
		5 mM		0.5110 mL	2.5548 mL	5.1096 mL
		10 mM		0.2555 mL	1.2774 mL	2.5548 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.31 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (5.31 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.31 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Fmoc-1-methyl-L-histidine is a Fmoc protected amino acid and can be used as an intermediate for peptide synthesis ^[1] .
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REFERENCES

[1]. Methylated Histidines Alter Tautomeric Preferences that Influence the Rates of Cu Nitrite Reductase Catalysis in Designed Peptides

Caution: Product has not been fully validated for medical applications. For research use only.

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