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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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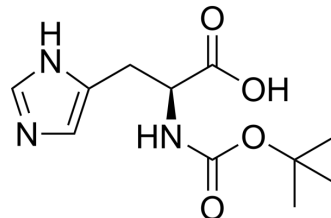
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N-tert-Butyloxycarbonyl-L-histidine

Cat. No.:	HY-W008134		
CAS No.:	17791-52-5		
Molecular Formula:	C ₁₁ H ₁₇ N ₃ O ₄		
Molecular Weight:	255.27		
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 : 25 mg/mL (97.94 mM); ultrasonic and warming and heat to 60°C)			
		Solvent	Mass	
		Concentration	1 mg	5 mg
	Preparing Stock Solutions		10 mg	
	1 mM	3.9174 mL	19.5871 mL	39.1742 mL
	5 mM	0.7835 mL	3.9174 mL	7.8348 mL
	10 mM	0.3917 mL	1.9587 mL	3.9174 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: ≥ 2.5 mg/mL (9.79 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.79 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	N-tert-Butyloxycarbonyl-L-histidine is a histidine derivative ^[1] .
In Vitro	Amino acids and amino acid derivatives have been commercially used as ergogenic supplements. They influence the secretion of anabolic hormones, supply of fuel during exercise, mental performance during stress related tasks and prevent exercise induced muscle damage. They are recognized to be beneficial as ergogenic dietary substances ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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