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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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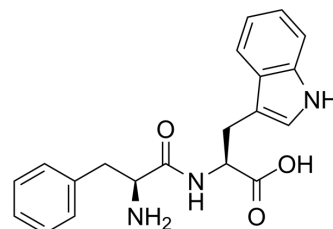
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H-Phe-Trp-OH

Cat. No.:	HY-W092109
CAS No.:	24587-41-5
Molecular Formula:	C ₂₀ H ₂₁ N ₃ O ₃
Molecular Weight:	351.4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : ≥ 100 mg/mL (284.58 mM) * "≥" means soluble, but saturation unknown.				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.8458 mL	14.2288 mL	28.4576 mL
		5 mM	0.5692 mL	2.8458 mL	5.6915 mL
		10 mM	0.2846 mL	1.4229 mL	2.8458 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 (7.11 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.11 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.11 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	H-Phe-Trp-OH (Phenylalanyltryptophan) is an endogenous metabolite ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. V Rizzo, et al. Co-oligopeptides of aromatic amino acids and glycine with a variable distance between the aromatic residues. VI. Circular dichroism studies of Co-oligopeptides of L-phenylalanine, L-tryptophan, and glycine. Biopolymers. 1977 Feb;16(2):449-

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

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