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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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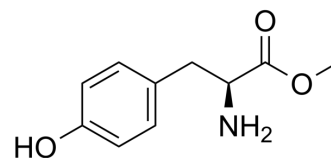
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H-Tyr-OMe

Cat. No.:	HY-W007671
CAS No.:	1080-06-4
Molecular Formula:	C ₁₀ H ₁₃ NO ₃
Molecular Weight:	195.22
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (512.24 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		5.1224 mL	25.6121 mL	51.2243 mL
		5 mM		1.0245 mL	5.1224 mL	10.2449 mL
		10 mM		0.5122 mL	2.5612 mL	5.1224 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 (12.81 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.81 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil					
	Solubility: ≥ 2.5 mg/mL (12.81 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	H-Tyr-OMe, an amino acid, is an endogenous metabolite ^[1] .
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REFERENCES

[1]. B.Korbély, et al. Amino acids and their Cu complexes covalently grafted onto a polystyrene resin-A vibrational spectroscopic study. Journal of Molecular Structure. Volumes 834-836, 27 May 2007, Pages 345-348.

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

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