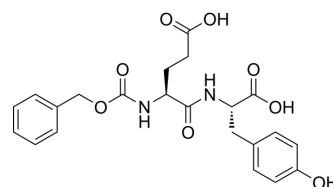


Z-Glu-Tyr-OH

Cat. No.:	HY-131095
CAS No.:	988-75-0
Molecular Formula:	C ₂₂ H ₂₄ N ₂ O ₈
Molecular Weight:	444.43
Target:	Amino Acid Derivatives
Pathway:	Others
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (225.01 mM; Need ultrasonic)																			
	<table border="1"> <thead> <tr> <th rowspan="2">Concentration</th> <th colspan="3">Mass</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td>1 mM</td> <td>2.2501 mL</td> <td>11.2504 mL</td> <td>22.5007 mL</td> </tr> <tr> <td>5 mM</td> <td>0.4500 mL</td> <td>2.2501 mL</td> <td>4.5001 mL</td> </tr> <tr> <td>10 mM</td> <td>0.2250 mL</td> <td>1.1250 mL</td> <td>2.2501 mL</td> </tr> </tbody> </table>	Concentration	Mass			1 mg	5 mg	10 mg	1 mM	2.2501 mL	11.2504 mL	22.5007 mL	5 mM	0.4500 mL	2.2501 mL	4.5001 mL	10 mM	0.2250 mL	1.1250 mL	2.2501 mL
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	Please refer to the solubility information to select the appropriate solvent.																			
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (5.63 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (5.63 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (5.63 mM); Clear solution 																			

BIOLOGICAL ACTIVITY

Description	Z-Glu-Tyr-OH can be used for synthesis of peptides on a solid support ^[1] .
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REFERENCES

[1]. Rose Haddoub, et al. Enzymatic Synthesis of Peptides on a Solid Support. Org Biomol Chem

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

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