

Tyrosylhistidine

Chemical Properties

CAS No. : 3788-44-1

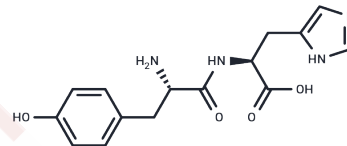
Formula: C₁₅H₁₈N₄O₄

Molecular Weight: 318.33

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Tyrosylhistidine (Tyr-His) is a dipeptide formed from tyrosine and histidine that exhibits orally active antihypertensive properties, demonstrated by its ability to lower blood pressure in a spontaneous hypertension mouse model [1].
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1414 mL	15.707 mL	31.4139 mL
5 mM	0.6283 mL	3.1414 mL	6.2828 mL
10 mM	0.3141 mL	1.5707 mL	3.1414 mL
50 mM	0.0628 mL	0.3141 mL	0.6283 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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