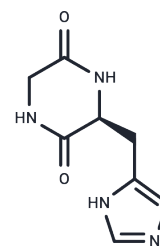


Cyclo(Gly-His)

Chemical Properties

CAS No. :	15266-88-3
Formula:	C ₈ H ₁₀ N ₄ O ₂
Molecular Weight:	194.19
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Cyclo(Gly-His) is a cyclic dipeptide encompassed within liposomes, exhibiting antimicrobial and anticancer properties with cytotoxic effects on HeLa and MCF-7 cells, demonstrating IC ₅₀ values of 1.699 mM and 0.358 mM, respectively. This compound is relevant for drug delivery system research [1].
Targets(IC ₅₀)	Antibacterial
In vitro	Cyclo(Gly-His) exhibits cytotoxicity toward HeLa and MCF-7 cells, with IC ₅₀ values of 1.699 mM and 0.358 mM, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1496 mL	25.748 mL	51.496 mL
5 mM	1.0299 mL	5.1496 mL	10.2992 mL
10 mM	0.515 mL	2.5748 mL	5.1496 mL
50 mM	0.103 mL	0.515 mL	1.0299 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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