Data Sheet (Cat.No.T77249)

TargetMol

Cyclo(glycyl-L-leucyl)

Chemical Properties

CAS No. : 5845-67-0

Formula: C8H14N2O2

Molecular Weight: 170.21

Storage: Keep away from moisture
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	Cyclo(glycyl-L-leucyl) (Cyclo(leu-gly)), a neuropeptide, mitigates dopaminergic supersensitivity by down-regulating dopamine (DA) receptors and inhibiting morphine-induced analgesia and dopamine receptor hypersensitivity in rats, suggesting its utility in preventing tardive and/or L-DOPA-induced dyskinesias [1] [2].
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8751 mL	29.3755 mL	58.751 mL
5 mM	1.175 mL	5.8751 mL	11.7502 mL
10 mM	0.5875 mL	2.9375 mL	5.8751 mL
50 mM	0.1175 mL	0.5875 mL	1.175 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.

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