

human GALP (3-32)

Chemical Properties

CAS No. :

Formula: C137H213N43O38S

Molecular Weight: 3102.49

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	Human GALP (3-32) (Galanin-like peptide (3-32)) serves as a high-affinity agonist for galanin receptors GalR1 (IC ₅₀ = 33 nM) and GalR2 (IC ₅₀ = 15 nM), as evidenced by competitive binding studies. It demonstrates significant potency in modifying the extracellular acidification rate in SH-SY5Y cells expressing GalR2 (EC ₅₀ = 360 nM) [1].
Targets(IC ₅₀)	Neuropeptide Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3223 mL	1.6116 mL	3.2232 mL
5 mM	0.0645 mL	0.3223 mL	0.6446 mL
10 mM	0.0322 mL	0.1612 mL	0.3223 mL
50 mM	0.0064 mL	0.0322 mL	0.0645 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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