

Neurogranin (48-76), mouse

Chemical Properties

CAS No. :

Formula: C91H148N36O34S

Molecular Weight: 2322.43

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	Neurogranin (48-76), mouse, is a peptide comprising residues 48-76 of Neurogranin, a post-synaptically exclusive calmodulin-binding protein that mediates NMDAR-driven synaptic plasticity by regulating the calcium-calmodulin (Ca ²⁺ -CaM) pathway [1].
Targets(IC50)	CaMK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4306 mL	2.1529 mL	4.3058 mL
5 mM	0.0861 mL	0.4306 mL	0.8612 mL
10 mM	0.0431 mL	0.2153 mL	0.4306 mL
50 mM	0.0086 mL	0.0431 mL	0.0861 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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