

p3Ysh-3

Chemical Properties

CAS No. :

Formula: C41H60N9O18P

Molecular Weight: 997.94

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	p3Ysh-3, a peptide inhibitor targeting the STEP Phosphatase-GluA2 AMPA receptor interaction, exhibits a K_i of 1.09 μ M. It effectively reverses memory deficits and demonstrates anxiolytic and antidepressant effects in scopolamine-treated rat models, positioning itself as a promising lead compound for the development of novel cognitive enhancers and behavioral modulators [1].
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0021 mL	5.0103 mL	10.0206 mL
5 mM	0.2004 mL	1.0021 mL	2.0041 mL
10 mM	0.1002 mL	0.501 mL	1.0021 mL
50 mM	0.020 mL	0.1002 mL	0.2004 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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