

Calcineurin Autoinhibitory Peptide acetate

Chemical Properties

CAS No. :

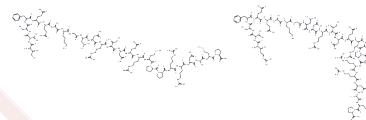
Formula: C252H417N78O82S4

Molecular Weight: 5979.74

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	Calcineurin Autoinhibitory Peptide acetate is a selective calcineurin phosphatase inhibitor (IC ₅₀ ~ 10 μM). Calcineurin Autoinhibitory Peptide acetate can be used in the protection of neurons from excitatory neuronal death.
Targets (IC ₅₀)	Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1672 mL	0.8362 mL	1.6723 mL
5 mM	0.0334 mL	0.1672 mL	0.3345 mL
10 mM	0.0167 mL	0.0836 mL	0.1672 mL
50 mM	0.0033 mL	0.0167 mL	0.0334 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.

Reference

Terada H, et, al. Inhibition of excitatory neuronal cell death by cell-permeable calcineurin autoinhibitory peptide. J Neurochem. 2003 Dec; 87(5): 1145-51.

Hashimoto Y, et, al. Identification of an autoinhibitory domain in calcineurin. J Biol Chem. 1990 Feb 5; 265(4): 1924-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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