

## pep2-SVKI acetate

## Chemical Properties

CAS No. :

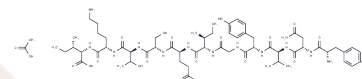
Formula: C62H97N13O20

Molecular Weight: 1344.51

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	Pep2-SVKI acetate(pep2-SVKI acetate (328944-75-8 free base)) is a synthetic peptide salt that prevents internalization of AMPA-type glutamate receptor.
Targets(IC50)	GluR
In vivo	In the leech (Hirudo sp), the competitive AMPA receptor antagonist CNQX inhibited transmission at the rectifying electrical synapse of a mixed glutamatergic/electrical synaptic connection. This CNQX-mediated inhibition of the electrical synapse was blocked by blocked by pep2-SVKI (SVKI).

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7438 mL	3.7188 mL	7.4377 mL
5 mM	0.1488 mL	0.7438 mL	1.4875 mL
10 mM	0.0744 mL	0.3719 mL	0.7438 mL
50 mM	0.0149 mL	0.0744 mL	0.1488 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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