

pep2-EVKI acetate(1315378-67-6 free base)

Chemical Properties

CAS No. :

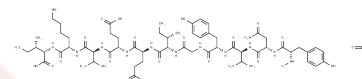
Formula: C64H99N13O21

Molecular Weight: 1386.55

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-EVKI acetate is a cell-permeable peptide. Pep2-EVKI acetate interferes the interaction between protein interacting with C-kinase (PICK1) and GluR2 AMPA receptor subunits.
Targets(IC50)	GluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7212 mL	3.6061 mL	7.2121 mL
5 mM	0.1442 mL	0.7212 mL	1.4424 mL
10 mM	0.0721 mL	0.3606 mL	0.7212 mL
50 mM	0.0144 mL	0.0721 mL	0.1442 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

Collingridge and Isaac (2003) Functional roles of protein interactions with AMPA and kainate receptors. Neurosci. Res. 47 3 PMID: 12941441

Daw et al (2000) PDZ proteins interacting with C-terminal GluR2/3 are involved in a PKC-dependent regulation of AMPA receptors at hippocampal synapses. Neuron 28 873 PMID: 11163273

Hanley et al (2002) Interaction of the AMPA receptor subunit GluR2/3 with PDZ domains regulates hippocampal long-term depression. Neuron 34 53 PMID: 11931741

Li et al (1999) AMPA receptor-PDZ interactions in facilitation of spinal sensory synapses. Nat.Neurosci. 2 972 PMID: 10526335

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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