



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pep2m, myristoylated acetate

Chemical Properties

CAS No. :

Formula: C₆₅H₁₂₂N₁₈O₁₆S

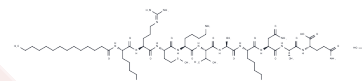
Molecular Weight: 1443.96

Appearance: no data available

Storage:

keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Pep2m, myristoylated acetate is a Cell-permeable, myristoylated form of pep2m. Peptide inhibitor of the interaction between the C-terminus of the GluA2 (AMPA receptor) subunit and N-ethylmaleimide-sensitive fusion protein (NSF), a protein that regulates AMPA receptor function. Reduces postsynaptic currents in CA1 neurons, AMPA-mediated currents in cultured hippocampal neurons and AMPA receptor surface expression.
Targets(IC50)	PKC

Solubility Information

Solubility	H ₂ O: Insoluble, DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6925 mL	3.4627 mL	6.9254 mL
5 mM	0.1385 mL	0.6925 mL	1.3851 mL
10 mM	0.0693 mL	0.3463 mL	0.6925 mL
50 mM	0.0139 mL	0.0693 mL	0.1385 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.

Reference

- Nishimune et al (1998) NSF binding to GluR2 regulates synaptic transmission. Neuron 21 87 PMID: 9697854
 Noel et al (1999) Surface expression of AMPA receptors in hippocampal neurons is regulated by an NSF-

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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