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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Autocamtide-2-related inhibitory peptide, myristoylated acetate(201422-04-0 free base)

Chemical Properties

CAS No. :

Formula: C80H146N22O22

Molecular Weight: 1768.15

{Lys(Myristoyl)}-Lys-Ala-Leu-Arg-Arg-Gln-Glu-Ala-Val-Asp-Ala-Leu(acetate salt)

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	Autocamtide-2-related inhibitory peptide, myristoylated acetate is a CaM kinase II inhibitor; enhanced cell permeable derivative of Autocamtide-2-related inhibitory peptide.
Targets(IC50)	CaMK, Autophagy

Solubility Information

Solubility	H2O: 10 mM, 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	0.5656 mL	2.8278 mL	5.6556 mL
5 mM	0.1131 mL	0.5656 mL	1.1311 mL
10 mM	0.0566 mL	0.2828 mL	0.5656 mL
50 mM	0.0113 mL	0.0566 mL	0.1131 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

Laabich et al (2000) Neuroprotective effect of AIP on N-methyl-D-aspartate-induced cell death in retinal neurons. Brain Res.Mol.Brain Res. 85 32 PMID:

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