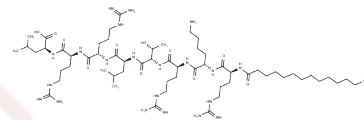


N-myristoyl-RKRTLRRRL

Chemical Properties

CAS No. :	152246-40-7
Formula:	C60H117N21O11
Molecular Weight:	1308.71
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	N-myristoyl-RKRTLRRRL is a compound that impedes the binding of protein kinase C (PKC) substrates and inhibits calcium (Ca ²⁺)- and phosphatidylserine (PS)-dependent phosphorylation of histones, exhibiting an IC ₅₀ of 5 μM. Additionally, it demonstrates an inhibitory effect on histone phosphorylation with an IC ₅₀ of 80 μM [1] [2].
Targets(IC50)	PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7641 mL	3.8206 mL	7.6411 mL
5 mM	0.1528 mL	0.7641 mL	1.5282 mL
10 mM	0.0764 mL	0.3821 mL	0.7641 mL
50 mM	0.0153 mL	0.0764 mL	0.1528 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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