

## Myristoyl-MEK1 Derived Peptide Inhibitor 1

## Chemical Properties

CAS No. :

Formula: C72H144N18O18S

Molecular Weight: 1702.21

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	Myristoyl-MEK1 Derived Peptide Inhibitor 1, the myristoylated variant of MEK1 Derived Peptide Inhibitor 1, effectively inhibits ERK activation, demonstrating an inhibitory concentration (IC50) of 10 $\mu$ M [1].
Targets(IC50)	ERK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5875 mL	2.9374 mL	5.8747 mL
5 mM	0.1175 mL	0.5875 mL	1.1749 mL
10 mM	0.0587 mL	0.2937 mL	0.5875 mL
50 mM	0.0117 mL	0.0587 mL	0.1175 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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