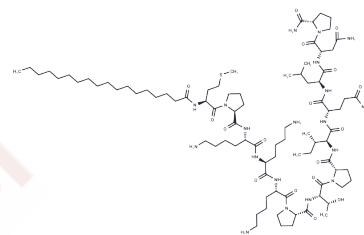


## STE-MEK1(13)

## Chemical Properties

CAS No. :	566872-15-9
Formula:	C86H153N19O17S
Molecular Weight:	1757.32
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	STE-MEK1(13), a cell-permeable ERK1/2 inhibitor with IC50 values ranging from 13 to 30 $\mu$ M, impedes the phosphorylation of ERK1/2, as demonstrated in studies [1] [2].
Targets(IC50)	ERK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.569 mL	2.8452 mL	5.6905 mL
5 mM	0.1138 mL	0.569 mL	1.1381 mL
10 mM	0.0569 mL	0.2845 mL	0.569 mL
50 mM	0.0114 mL	0.0569 mL	0.1138 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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