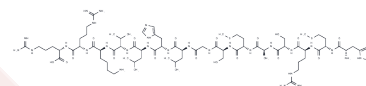


## SAMS

## Chemical Properties

CAS No. :	125911-68-4
Formula:	C74H131N29O18S2
Molecular Weight:	1779.15
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	SAMS peptide is a specific substrate for [AMP-activated protein kinase (AMPK)].
Targets(IC50)	AMPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5621 mL	2.8103 mL	5.6207 mL
5 mM	0.1124 mL	0.5621 mL	1.1241 mL
10 mM	0.0562 mL	0.281 mL	0.5621 mL
50 mM	0.0112 mL	0.0562 mL	0.1124 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.

## Reference

Davies SP, et al. Tissue distribution of the AMP-activated protein kinase, and lack of activation by cyclic-AMP-dependent protein kinase, studied using a specific and sensitive peptide assay. Eur J Biochem. 1989 Dec 8;186(1-2):123-8.

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