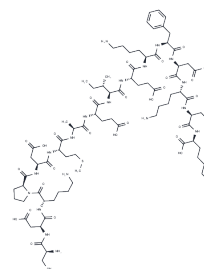


SDKPDMAEIEKFDKSK

Chemical Properties

CAS No. : 1339864-27-5
 Formula: C80H130N20O29S
 Molecular Weight: 1868.09
 Storage: Keep away from moisture
 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	SDKPDMAEIEKFDKSK is a peptide derived from thymosin β 4 (T β 4).
In vitro	Thymosin β 4 (T β 4), a 43 amino acid polypeptide, is part of a broadly conserved family of small yet highly active biological molecules. It functions by impeding PDGF-BB-stimulated fibrogenesis, proliferation, and migration in Hepatic Stellate Cells (HSC) through the inhibition of Akt phosphorylation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5353 mL	2.6765 mL	5.3531 mL
5 mM	0.1071 mL	0.5353 mL	1.0706 mL
10 mM	0.0535 mL	0.2677 mL	0.5353 mL
50 mM	0.0107 mL	0.0535 mL	0.1071 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

Shah R, et al. Thymosin β 4 inhibits PDGF-BB induced activation, proliferation, and migration of human hepatic stellate cells via its actin-binding domain. Expert Opin Biol Ther. 2018;18(sup1):177-184.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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