

SDKPDMAEIEKFDKSK acetate

Chemical Properties

CAS No. :

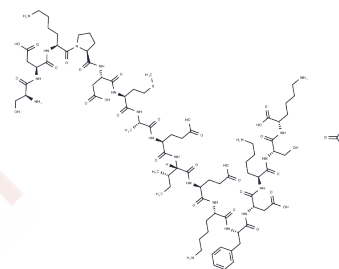
Formula: C₈₂H₁₃₄N₂₀O₃₁S

Molecular Weight: 1928.12

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	SDKPDMAEIEKFDKSK acetate is a thymosin β 4 derivative. Thymosin β 4 inhibits PDGF-BB-induced fibrogenesis, proliferation and migration of HSC by blocking Akt phosphorylation.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5186 mL	2.5932 mL	5.1864 mL
5 mM	0.1037 mL	0.5186 mL	1.0373 mL
10 mM	0.0519 mL	0.2593 mL	0.5186 mL
50 mM	0.0104 mL	0.0519 mL	0.1037 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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