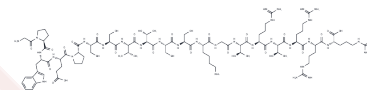


Properdistatin

Chemical Properties

CAS No. :	945373-85-3
Formula:	C89H149N33O27S2
Molecular Weight:	2177.47
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	Properdistatin, a peptide originating from the thrombospondin 1 (TSP-1) domain of properdin, exhibits angiogenesis inhibition and vascular function enhancement capabilities, showing promise for melanoma research [1].
In vivo	Properdistatin administered at 80 mg/kg via intraperitoneal injection once daily for a duration of four days inhibited angiogenesis and improved vascular function in a murine melanoma xenograft model [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4592 mL	2.2962 mL	4.5925 mL
5 mM	0.0918 mL	0.4592 mL	0.9185 mL
10 mM	0.0459 mL	0.2296 mL	0.4592 mL
50 mM	0.0092 mL	0.0459 mL	0.0918 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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