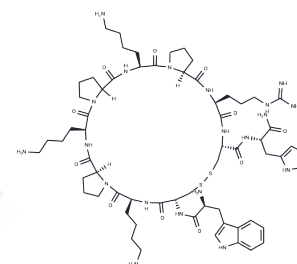


Tiger17

Chemical Properties

CAS No. :	1647121-94-5
Formula:	C62H99N21O11S2
Molecular Weight:	1378.71
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	Tiger17 is a potent wound healing agent that stimulates the secretion of TGF- β 1 and operates via the Smad signaling pathway. It specifically enhances wound repair by increasing the phosphorylation of Smad2 and Smad3. As a polypeptide facilitating endogenous healing, Tiger17 serves as a valuable tool for studying wound healing.
Targets(IC50)	TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7253 mL	3.6266 mL	7.2532 mL
5 mM	0.1451 mL	0.7253 mL	1.4506 mL
10 mM	0.0725 mL	0.3627 mL	0.7253 mL
50 mM	0.0145 mL	0.0725 mL	0.1451 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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