

B7-33

Chemical Properties

CAS No. : 1818415-56-3

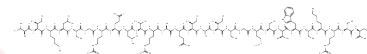
Formula: C131H229N41O36S

Molecular Weight: 2986.54

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	B7-33 is a single-chain relaxin analog and a selective agonist for relaxin receptor 1 (RXFP1). It binds to RXFP1 and preferentially activates the pERK pathway in cells expressing RXFP1, rather than cAMP. B7-33 serves as an antifibrotic agent and provides cardioprotective effects.
Targets(IC50)	RXFP receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3348 mL	1.6742 mL	3.3484 mL
5 mM	0.067 mL	0.3348 mL	0.6697 mL
10 mM	0.0335 mL	0.1674 mL	0.3348 mL
50 mM	0.0067 mL	0.0335 mL	0.067 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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