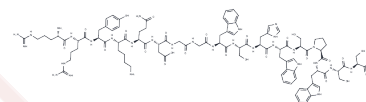


RS17

Chemical Properties

CAS No. :	2415545-08-1
Formula:	C96H130N30O26
Molecular Weight:	2120.24
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	RS17 is a synthetically designed antitumor peptide that specifically binds to the CD47 molecule, inhibiting the interaction between CD47 and its ligand SIRP α on the macrophage surface membrane. The primary regulatory mechanism of RS17 involves blocking the transmission of the selective phagocytosis signal from CD47 to SIRP α , preventing macrophages from identifying tumor cells as self, and instead treating them as foreign substances for phagocytosis, thereby inhibiting tumor cell immune evasion. RS17 is applicable in studies of antitumor responses and immune evasion mechanisms.
Targets(IC50)	Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4716 mL	2.3582 mL	4.7164 mL
5 mM	0.0943 mL	0.4716 mL	0.9433 mL
10 mM	0.0472 mL	0.2358 mL	0.4716 mL
50 mM	0.0094 mL	0.0472 mL	0.0943 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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