

CooP

## Chemical Properties

CAS No. : 1192864-27-9

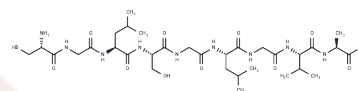
Formula: C32H57N9O11S

Molecular Weight: 775.91

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	CooP, a linear glioblastoma-targeting nonapeptide, interacts with the mammary-derived growth inhibitor/fatty acid binding protein 3 (FABP3) found in glioblastoma cells and their associated blood vessels. This interaction facilitates the targeted delivery of chemotherapy and various nanoparticles [1].
Targets(IC50)	FABP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2888 mL	6.444 mL	12.8881 mL
5 mM	0.2578 mL	1.2888 mL	2.5776 mL
10 mM	0.1289 mL	0.6444 mL	1.2888 mL
50 mM	0.0258 mL	0.1289 mL	0.2578 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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