

RAS-IN-5

Chemical Properties

CAS No. :	3061844-70-7
Formula:	C57H72N5O9P
Molecular Weight:	1002.2
Storage:	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	RAS-IN-5 (Example 2) is a RAS inhibitor that effectively restrains the interaction between RAF1 and active KRAS mutant proteins or HRAS WT proteins. It significantly reduces the viability of KRAS, NRAS, and EGFR mutant cells. RAS-IN-5 is applicable for research in colon cancer, liver cancer, and non-small cell lung cancer.
Targets(IC50)	Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9978 mL	4.989 mL	9.978 mL
5 mM	0.1996 mL	0.9978 mL	1.9956 mL
10 mM	0.0998 mL	0.4989 mL	0.9978 mL
50 mM	0.020 mL	0.0998 mL	0.1996 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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