

ReACp53

Chemical Properties

CAS No. :

Formula: C108H206N52O24

Molecular Weight: 2617.13

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	ReACp53 is a cell-penetrating peptide, designed to inhibit p53 amyloid formation, rescues p53 function in cancer cell lines and in organoids derived from high-grade serous ovarian carcinomas (HGSOC).
Targets(IC50)	MDM-2/p53

Solubility Information

Solubility	H2O: 50 mg/mL (19.1 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3821 mL	1.9105 mL	3.821 mL
5 mM	0.0764 mL	0.3821 mL	0.7642 mL
10 mM	0.0382 mL	0.191 mL	0.3821 mL
50 mM	0.0076 mL	0.0382 mL	0.0764 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.

Reference

Soragni A et al. A Designed Inhibitor of p53 Aggregation Rescues p53 Tumor Suppression in Ovarian Carcinomas. Cancer Cell. 2016 Jan 11;29(1):90-103.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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