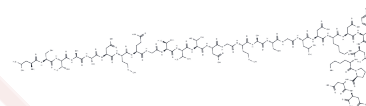


Azurin p28 peptide

Chemical Properties

CAS No. :	897026-25-4
Formula:	C122H197N31O47S2
Molecular Weight:	2914.18
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	Azurin p28 peptide, a tumor-penetrating antitumor agent, stabilizes p53 by reducing its proteasomal degradation via the formation of a p28:p53 complex. It elicits apoptosis or cell cycle arrest and suppresses the growth of p53-positive tumors. Additionally, the peptide exhibits antiangiogenic properties by inhibiting the phosphorylation of VEGFR-2, FAK, and Akt [1] [2] [3].
Targets(IC50)	Apoptosis,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3431 mL	1.7157 mL	3.4315 mL
5 mM	0.0686 mL	0.3431 mL	0.6863 mL
10 mM	0.0343 mL	0.1716 mL	0.3431 mL
50 mM	0.0069 mL	0.0343 mL	0.0686 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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