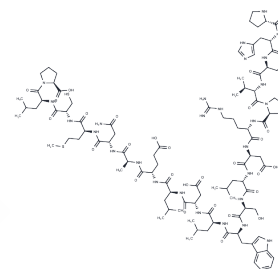


R18

Chemical Properties

CAS No. :	211364-78-2
Formula:	C101H157N27O29S3
Molecular Weight:	2309.69
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	Antagonist of 14.3.3 proteins (KD ≈80 nM). Competitively inhibits 14.3.3-ligand interactions without requiring phosphorylation. Blocks the ability of 14.3.3 to bind to target proteins such as Raf-1, Bad, ASK1 and exoenzyme S.
Targets(IC50)	Raf

Solubility Information

Solubility	H2O: 1 mg/mL (0.43 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	0.433 mL	2.1648 mL	4.3296 mL
5 mM	0.0866 mL	0.433 mL	0.8659 mL
10 mM	0.0433 mL	0.2165 mL	0.433 mL
50 mM	0.0087 mL	0.0433 mL	0.0866 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

- Wang et al (1999) Isolation of high-affinity peptide antagonists of 14.3.3 proteins by phage display. Biochemistry 38 12499 PMID:
Masters and Fu (2001) 14.3.3 proteins mediate an essential anti-apoptotic signal. J.Biol.Chem. 276 45193 PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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