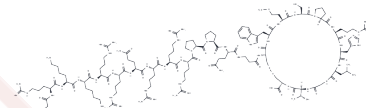


CIGB-300

Chemical Properties

CAS No. : 1072877-99-6
Formula: C127H215N53O30S3
Molecular Weight: 3060.6
Storage: Keep away from moisture
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	CIGB-300 (P15-Tat) is an anti-casein kinase 2 (CK2) peptide that exhibits anticancer properties by disrupting the phosphorylation activity of protein kinase CK2. The compound induces apoptosis in various tumor cell lines, making it valuable for research in cancer therapy.
Targets(IC50)	Apoptosis,Casein Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3267 mL	1.6337 mL	3.2673 mL
5 mM	0.0653 mL	0.3267 mL	0.6535 mL
10 mM	0.0327 mL	0.1634 mL	0.3267 mL
50 mM	0.0065 mL	0.0327 mL	0.0653 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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