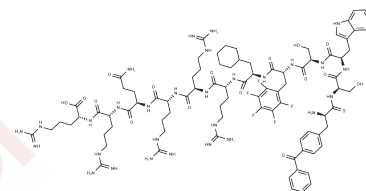


CBP501

## Chemical Properties

CAS No. : 565434-85-7  
 Formula: C<sub>86</sub>H<sub>122</sub>F<sub>5</sub>N<sub>29</sub>O<sub>17</sub>  
 Molecular Weight: 1929.06  
 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	CBP501 is a peptide with G2 checkpoint-abrogating activity. G2 checkpoint inhibitor CBP501 inhibits multiple serine/threonine kinases, including MAPKAP-K2, C-Tak1, and CHK1, that phosphorylate serine 216 of the dual-specific phosphatase Cdc25C (cell division checkpoint 25 C); disruption of Cdc25C activity results in the inhibition of Cdc25C dephosphorylation of the mitotic cyclin-dependent kinase complex Cdc2/cyclin B, preventing entry into the mitotic phase of the cell cycle.
Targets(IC50)	CaMK,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5184 mL	2.5919 mL	5.1839 mL
5 mM	0.1037 mL	0.5184 mL	1.0368 mL
10 mM	0.0518 mL	0.2592 mL	0.5184 mL
50 mM	0.0104 mL	0.0518 mL	0.1037 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481