

BC13

## Chemical Properties

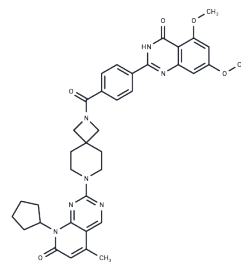
CAS No. :

Formula: C37H39N7O5

Molecular Weight: 661.75

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	BC13 is a CDK6/BRD4 inhibitor with IC50 values of 234 nM for CDK6 and 36 nM for BRD4. It exhibits antiproliferative properties, induces apoptosis (cell death) and DNA damage, and elevates ROS levels.
Targets(IC50)	Apoptosis, Epigenetic Reader Domain, Reactive Oxygen Species, CDK, DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5111 mL	7.5557 mL	15.1114 mL
5 mM	0.3022 mL	1.5111 mL	3.0223 mL
10 mM	0.1511 mL	0.7556 mL	1.5111 mL
50 mM	0.0302 mL	0.1511 mL	0.3022 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

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