

Mps1-IN-6

Chemical Properties

CAS No. :

Formula: C35H39N9O3

Molecular Weight: 633.74

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	Mps1-IN-6, a potent Mps1 inhibitor, demonstrates antiproliferative and antitumor activities with an IC50 of 2.596 nM [1].
Targets(IC50)	Others,Kinesin
In vitro	Mps1-IN-6 (compound 31) (0-10 µM; 72 h) exhibits antiproliferative activity with IC50 values of 0.221 µM in MDA-MB-468 cells, >10 µM in MCF-7 cells, >10 µM in REB cells, 0.823 µM in MV4-11 cells, and >10 µM in HT-29 cells [1].
In vivo	Mps1-IN-6, administered intravenously at doses of 30 and 60 mg/kg daily for 21 days, exhibited antitumor activity in mice [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5779 mL	7.8897 mL	15.7793 mL
5 mM	0.3156 mL	1.5779 mL	3.1559 mL
10 mM	0.1578 mL	0.789 mL	1.5779 mL
50 mM	0.0316 mL	0.1578 mL	0.3156 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