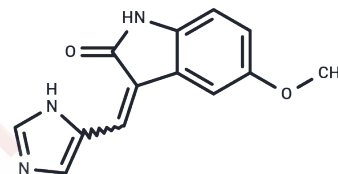


(ZE)-SU9516

## Chemical Properties

CAS No. : 666837-93-0  
 Formula: C<sub>13</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 241.25  
 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	(ZE)-SU9516 is a selectively potent ATP-competitive inhibitor of CDKs.
Targets(IC50)	Apoptosis,CDK,Autophagy

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (113.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1451 mL	20.7254 mL	41.4508 mL
5 mM	0.829 mL	4.1451 mL	8.2902 mL
10 mM	0.4145 mL	2.0725 mL	4.1451 mL
50 mM	0.0829 mL	0.4145 mL	0.829 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

- Collins I , Garrett M D . Targeting the cell division cycle in cancer: CDK and cell cycle checkpoint kinase inhibitors[J]. Current Opinion in Pharmacology, 2005, 5(4):366-373.  
 Guo Q , Jin L , Zhu H Y , et al. CDK inhibitor SU9516 induces tetraploid blastocyst formation from parthenogenetically activated porcine embryos[J]. Biotechnology Letters, 2017, 39(7):951-957.

**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