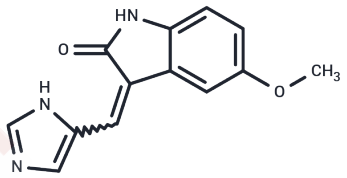
# Data Sheet (Cat.No.T8819)

TargetMol

## (ZE)-SU9516

### Chemical Properties



CAS No. : 666837-93-0

Formula: C13H11N3O2

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.<br>(< 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.

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