

A DRUG SCREENING EXPERT

Cell Research	For cell cycle analysis, cells are seeded in 96-well culture plates at 10,000 cells per well for 24 hours, treated with various inhibitors for 24 hours or 48 hours. Following treatment, cells are harvested, washed with PBS and fixed overnight at -20 °C in 70% ethanol. Cells are washed, stained with propidium iodide and analyzed for cell cycle profile (acquired 5000 cells/well) on Guava PCA-96 instrument according to the Guava Cell Cycle Protocol(Only for Reference)
---------------	---

Solubility Information

Solubility	H2O: 60.2 mg/mL (113.88 mM),Sonication is recommended. DMSO: 60.2 mg/mL (113.88 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (3.78 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8918 mL	9.4588 mL	18.9175 mL
5 mM	0.3784 mL	1.8918 mL	3.7835 mL
10 mM	0.1892 mL	0.9459 mL	1.8918 mL
50 mM	0.0378 mL	0.1892 mL	0.3784 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

Yu K, et al, Cancer Res, 2009, 69(15), 6232-6240.

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