

A DRUG SCREENING EXPERT

Animal Research	treatments on day 9 for tumor processing and staining.
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Solubility Information

Solubility	DMSO: 250 mg/mL (588.33 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: 4 mg/mL (9.41 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	2.3533 mL	11.7666 mL	23.5333 mL
5 mM	0.4707 mL	2.3533 mL	4.7067 mL
10 mM	0.2353 mL	1.1767 mL	2.3533 mL
50 mM	0.0471 mL	0.2353 mL	0.4707 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

Vasilevskaya I A , Selvakumaran M , Hierro L C , et al. Inhibition of JNK Sensitizes Hypoxic Colon Cancer Cells to DNA-Damaging Agents[J]. Clinical Cancer Research, 2015:1078-0432.CCR-15-0352.

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