

A DRUG SCREENING EXPERT

Cell Research	minute incubation at room temperature. Luminescence is measured using EnVision 2104 Multilabel Reader and BioTek Synergy Neo Microplate Reader.
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Solubility Information

Solubility	H2O: 25 mg/mL (100.12 mM),Sonication is recommended. DMSO: 10.42 mg/mL (41.73 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: 1 mg/mL (4 mM),Sonication is recommended. 10% DMSO+90% Saline: 1.04 mg/mL (4.17 mM),Solution. <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	4.005 mL	20.0248 mL	40.0497 mL
5 mM	0.801 mL	4.005 mL	8.0099 mL
10 mM	0.4005 mL	2.0025 mL	4.005 mL
50 mM	0.0801 mL	0.4005 mL	0.801 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

Montagnoli A, et al. Nat Chem Biol, 2008, 4(6), 357-365.

Yecies D, et al. Blood, 2010, 115(16), 3304-3313.

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