

A DRUG SCREENING EXPERT

In vivo Formulation	<i>vary and should be modified based on specific experimental conditions.</i>
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5881 mL	7.9405 mL	15.8811 mL
5 mM	0.3176 mL	1.5881 mL	3.1762 mL
10 mM	0.1588 mL	0.7941 mL	1.5881 mL
50 mM	0.0318 mL	0.1588 mL	0.3176 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

Patwardhan PP et al. Significant blockade of multiple receptor tyrosine kinases by MGCD516 (Sitravatinib), a novel small molecule inhibitor, shows potent anti-tumor activity in preClinicalal models of sarcoma. *Oncotarget*, 2016 Jan 26;7(4):4093-109.

Zhang Y, Wang P, Wang Y, et al. Sitravatinib as a potent FLT3 inhibitor can overcome gilteritinib resistance in acute myeloid leukemia. *Biomarker Research*. 2023, 11(1): 1-16.

Machine learning-enabled virtual screening indicates the anti-tuberculosis activity of aldoxorubicin and quarfloxin with verification by molecular docking, molecular dynamics simulations, and biological evaluations

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