

A DRUG SCREENING EXPERT

Cell Research	Cells are seeded into 6-well plates and cultured overnight. Mubritinib is then added at various concentrations, and the cells are treated continuously for 72 hours. After the incubation period, cells are counted for the measurement of antiproliferative activity. (Only for Reference)
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Solubility Information

Solubility	DMSO: 35.1 mg/mL (74.92 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2 mg/mL (4.27 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	2.1346 mL	10.673 mL	21.3461 mL
5 mM	0.4269 mL	2.1346 mL	4.2692 mL
10 mM	0.2135 mL	1.0673 mL	2.1346 mL
50 mM	0.0427 mL	0.2135 mL	0.4269 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

Nagasawa J, et al. Int J Urol, 2006, 13(5), 587-592.

Hong J H, Yong C H, Heng H L, et al. Integrative multiomics enhancer activity profiling identifies therapeutic vulnerabilities in cholangiocarcinoma of different etiologies. Gut. 2023

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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