

A DRUG SCREENING EXPERT

Kinase Assay	membranes are removed and washed four times on a shaker with 1% H ₃ PO ₄ and once with ethanol. Membranes are dried and overlaid with addition of 10 μ L/well of a scintillation fluid. The plates are eventually sealed and counted in a microplate scintillation counter. IC ₅₀ values are calculated by linear regression analysis of the percentage inhibition of the BGJ398.
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Solubility Information

Solubility	Ethanol: < 1 mg/mL (insoluble or slightly soluble), DMSO: 58 mg/mL (95.6 mM), Sonication is recommended. H ₂ O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6483 mL	8.2414 mL	16.4829 mL
5 mM	0.3297 mL	1.6483 mL	3.2966 mL
10 mM	0.1648 mL	0.8241 mL	1.6483 mL
50 mM	0.033 mL	0.1648 mL	0.3297 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

Xu D, et al. J Pharmacol Exp Ther, 2012, 341(1), 90-103.

Huang F, Liang J, Lin Y, et al. Repurposing of Ibrutinib and Quizartinib as potent inhibitors of necroptosis. Communications Biology. 2023, 6(1): 972.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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