

Vodobatinib

Chemical Properties

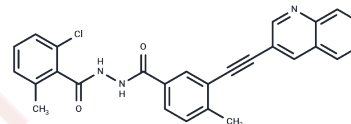
CAS No. : 1388803-90-4

Formula: C₂₇H₂₀ClN₃O₂

Molecular Weight: 453.92

Storage: Keep away from moisture, Store at low temperature
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Vodobatinib (K-0706) is a novel 3rd generation (3G) TKI effective against wild-type and mutated BCR-ABL1 with limited off-target activity.
Targets(IC50)	Bcr-Abl

Solubility Information

Solubility	DMSO: 125 mg/mL (275.38 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 (4.41 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	2.203 mL	11.0152 mL	22.0303 mL
5 mM	0.4406 mL	2.203 mL	4.4061 mL
10 mM	0.2203 mL	1.1015 mL	2.203 mL
50 mM	0.0441 mL	0.2203 mL	0.4406 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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