

HG6-64-1

Chemical Properties

CAS No. : 1315329-43-1

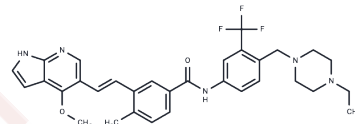
Formula: C32H34F3N5O2

Molecular Weight: 577.64

Keep away from direct sunlight

Storage: 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	HG6-64-1 is a potent and selective inhibitor of B-Raf, with an IC50 of 0.09 µM on B-raf V600E-transformed Ba/F3 cells.
Targets(IC50)	Raf

Solubility Information

Solubility	DMSO: 40 mg/mL (69.25 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: 2.5 mg/mL (4.33 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	1.7312 mL	8.6559 mL	17.3118 mL
5 mM	0.3462 mL	1.7312 mL	3.4624 mL
10 mM	0.1731 mL	0.8656 mL	1.7312 mL
50 mM	0.0346 mL	0.1731 mL	0.3462 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

WO 2011090738 A2

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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