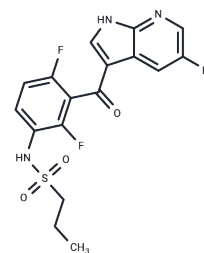


B-Raf IN 11

Chemical Properties

CAS No. :	918504-27-5
Formula:	C ₁₇ H ₁₄ BrF ₂ N ₃ O ₃ S
Molecular Weight:	458.28
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	B-Raf IN 11 is a novel selective inhibitor. The DFG-in conformation of the B-Raf kinase V600E mutant is superior to the DFG-out conformation in colorectal cancer.
Targets(IC50)	Raf

Solubility Information

Solubility	DMSO: 60 mg/mL (130.92 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 mg/mL (4.36 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	2.1821 mL	10.9104 mL	21.8207 mL
5 mM	0.4364 mL	2.1821 mL	4.3641 mL
10 mM	0.2182 mL	1.091 mL	2.1821 mL
50 mM	0.0436 mL	0.2182 mL	0.4364 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

Andrew P. CrewKeith R. Hornberger, et al. Polycyclic compounds and methods for the targeted degradation of rapidly accelerated fibrosarcoma polypeptides. WO2020051564A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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