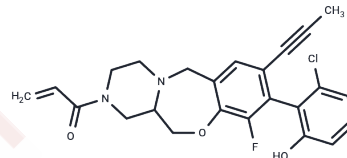


AZD4747

Chemical Properties

CAS No. : 2489226-14-2
 Formula: C₂₄H₂₂ClFN₂O₃
 Molecular Weight: 440.89
 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	AZD4747 is a selective and potent inhibitor of the mutant GTPase KRASG12C that crosses the blood-brain barrier and has potential antitumor activity for the study of pancreatic and colorectal adenocarcinoma.
Targets(IC50)	Ras,Kras

Solubility Information

Solubility	DMSO: 100 mg/mL (226.81 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2681 mL	11.3407 mL	22.6814 mL
5 mM	0.4536 mL	2.2681 mL	4.5363 mL
10 mM	0.2268 mL	1.1341 mL	2.2681 mL
50 mM	0.0454 mL	0.2268 mL	0.4536 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

Kettle JG, et al. Discovery of AZD4747, a Potent and Selective Inhibitor of Mutant GTPase KRASG12C with Demonstrable CNS Penetration. J Med Chem. 2023 Jul 13;66(13):9147-9160.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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