Data Sheet (Cat.No.T12428)

TargetMol

PF-06726304 acetate

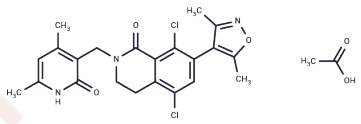
Chemical Properties

CAS No. : 2080306-28-9

Formula: C24H25Cl2N3O5

Molecular Weight: 506.38

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	PF-06726304 acetate is a selective inhibitor of EZH2, with robust antitumor growth activity.
Targets(IC50)	Histone Methyltransferase
In vitro	PF-06726304 inhibits the proliferation of Karpas-422 cells that harbor wild-type EZH2 (IC50 of 25 nM)[1].
In vivo	In a subcutaneous Karpas-422 xenograft model,PF-06726304 inhibits tumor growth and induces robust modulation of downstream biomarkers [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9748 mL	9.874 mL	19.748 mL
5 mM	0.395 mL	1.9748 mL	3.9496 mL
10 mM	0.1975 mL	0.9874 mL	1.9748 mL
50 mM	0.0395 mL	0.1975 mL	0.395 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

Kung PP, et al. Design and Synthesis of Pyridone-Containing 3,4-Dihydroisoquinoline-1(2H)-ones as a Novel Class of Enhancer of Zeste Homolog 2 (EZH2) Inhibitors. J Med Chem. 2016 Sep 22;59(18):8306-25.

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