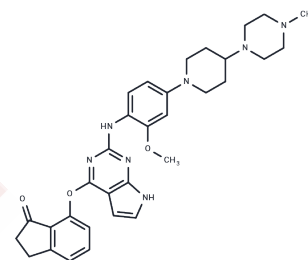


FAK inhibitor 7

Chemical Properties

CAS No. :	2890814-94-3
Formula:	C32H37N7O3
Molecular Weight:	567.68
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	FAK inhibitor7, a potent FAK inhibitor, demonstrates an IC50 of 3.58 nM. This compound effectively inhibits downstream signaling cascades of FAK (such as Src and AKT), which leads to cell cycle arrest at the G0/G1 phase and induces cytotoxic autophagy in ovarian cancer cells. Additionally, FAK inhibitor7 has been shown to suppress tumor metastasis and growth in ovarian cancer mouse models.
Targets(IC50)	FAK,Akt,Autophagy,Src

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7616 mL	8.8078 mL	17.6156 mL
5 mM	0.3523 mL	1.7616 mL	3.5231 mL
10 mM	0.1762 mL	0.8808 mL	1.7616 mL
50 mM	0.0352 mL	0.1762 mL	0.3523 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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