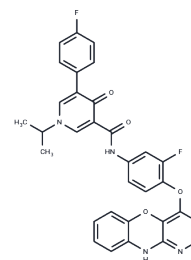


AXL-IN-14

Chemical Properties

CAS No. :	2947506-65-0
Formula:	C32H24F2N4O4
Molecular Weight:	566.55
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	AXL-IN-14 is a potent, orally active inhibitor of AXL with an IC50 of 0.8 nM that effectively suppresses Gas6/AXL-mediated cell migration and invasion, reduces the expression of p-AXL and p-AKT proteins, and demonstrates anti-tumor activity [1].
Targets(IC50)	TAM Receptor
In vitro	AXL-IN-14, at concentrations of 0.2, 1, and 5 nM for 1 hour, demonstrated a dose-dependent decrease in the expression levels of p-AXL and p-AKT proteins [1]. With a 72-hour exposure, AXL-IN-14 exhibited antiproliferative activity, achieving an IC50 value of 21.8 nM in EBC-1 cells [1]. Additionally, AXL-IN-14, at 20 and 100 nM for 24 hours, inhibited Gas6/AXL-mediated cell migration and invasion in H1299 and SNU449 cells [1].
In vivo	AXL-IN-14 (1, 10 mg/kg; p.o.; once daily for 11 days) exhibited antitumor activity in nude mice [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7651 mL	8.8253 mL	17.6507 mL
5 mM	0.353 mL	1.7651 mL	3.5301 mL
10 mM	0.1765 mL	0.8825 mL	1.7651 mL
50 mM	0.0353 mL	0.1765 mL	0.353 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

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

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