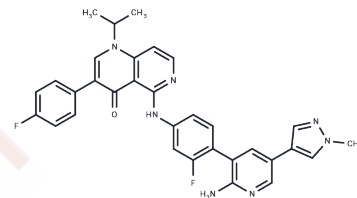


Axl-IN-17

Chemical Properties

CAS No. :	3048409-80-6
Formula:	C32H27F2N7O
Molecular Weight:	563.60
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-17 (compound 13c) is an orally active and selective AXL inhibitor with an IC50 value of 3.0 nM, demonstrating antitumor activity.
Targets(IC50)	TAM Receptor
In vitro	Axl-IN-17 inhibits multiple kinases, including TYRO3, MER, MET, and RON, at a concentration of 1 μM. In BaF3/TEL-AXL cells, it demonstrates antiproliferative activity with an IC50 value of less than 1 nM. Axl-IN-17 (1 nM, 2 h) also suppresses AXL phosphorylation and its downstream signaling pathways.
In vivo	Axl-IN-17 (oral, 3 mg/kg, once daily) exhibits favorable pharmacokinetic properties, with a half-life of 10.09 hours and an AUC value of 59815 ng·h/mL. Axl-IN-17 (p.o., 25, 50, 100 mg/kg, once daily, for seven days) shows anti-tumor effects in AXL-driven tumor xenograft mice.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7743 mL	8.8715 mL	17.7431 mL
5 mM	0.3549 mL	1.7743 mL	3.5486 mL
10 mM	0.1774 mL	0.8872 mL	1.7743 mL
50 mM	0.0355 mL	0.1774 mL	0.3549 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481