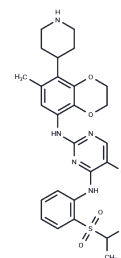


Dirozalkib

Chemical Properties

CAS No. :	1893419-37-8
Formula:	C ₂₇ H ₃₂ ClN ₅ O ₄ S
Molecular Weight:	558.092
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	Dirozalkib (Compound 4) is an ALK inhibitor with an IC ₅₀ of 0.9 nM. It demonstrates antiproliferative activity in cancer cells NCI-H3122, Karpas-299, and NCI-H2228, with IC ₅₀ values of 130.4, 0.71, and 15.11 nM, respectively. Dirozalkib exhibits favorable pharmacokinetic properties and a bioavailability ranging from 30% to 50%.
Targets(IC ₅₀)	ALK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7918 mL	8.9591 mL	17.9183 mL
5 mM	0.3584 mL	1.7918 mL	3.5837 mL
10 mM	0.1792 mL	0.8959 mL	1.7918 mL
50 mM	0.0358 mL	0.1792 mL	0.3584 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