

TGF β RI-IN-4

Chemical Properties

CAS No. :	2421135-03-5
Formula:	C ₂₃ H ₂₅ F ₂ N ₅ O ₂
Molecular Weight:	441.47
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	TGF β RI-IN-4 is a potent, orally active TGF β receptor type I kinase (TGF β RI) inhibitor that targets ALK5 (IC ₅₀ : 44 nM) and NIH3T3 (IC ₅₀ : 42.5 nM), inhibiting tumor growth and weight in a xenograft tumor model.
Targets(IC ₅₀)	Others,TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2652 mL	11.3258 mL	22.6516 mL
5 mM	0.453 mL	2.2652 mL	4.5303 mL
10 mM	0.2265 mL	1.1326 mL	2.2652 mL
50 mM	0.0453 mL	0.2265 mL	0.453 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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