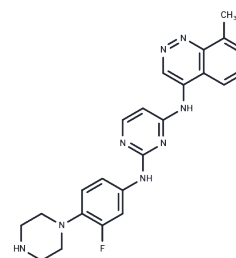


ALK5-IN-31

Chemical Properties

CAS No. : 2785430-87-5
 Formula: C23H23FN8
 Molecular Weight: 430.48
 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	ALK5-IN-31 is a selective inhibitor of ALK-5 (IC50≤10 nM) and also inhibits TGF-β-induced SMAD signalling. ALK5-IN-31 has the potential to inhibit tumour growth in vivo. ALK5-IN-31 can be used in the study of proliferative diseases (e.g. cancer, fibrotic diseases, systemic sclerosis).
Targets(IC50)	Others, TGF-beta/Smad

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.323 mL	11.6149 mL	23.2299 mL
5 mM	0.4646 mL	2.323 mL	4.646 mL
10 mM	0.2323 mL	1.1615 mL	2.323 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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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