

YLIU-4-105-1

Chemical Properties

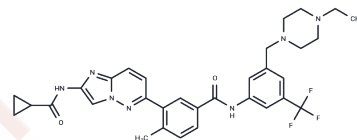
CAS No. : 2417685-83-5

Formula: C32H34F3N7O2

Molecular Weight: 605.65

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	YLIU-4-105-1 is a type II JAK2 inhibitor. Demonstrating in vivo pharmacological activity, YLIU-4-105-1 reduces splenic weight, decreases blood reticulocyte counts in a dose-dependent manner, and inhibits pSTAT5.
Targets(IC50)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6511 mL	8.2556 mL	16.5112 mL
5 mM	0.3302 mL	1.6511 mL	3.3022 mL
10 mM	0.1651 mL	0.8256 mL	1.6511 mL
50 mM	0.033 mL	0.1651 mL	0.3302 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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