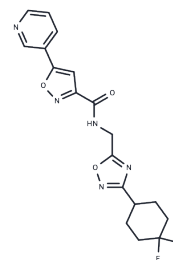


Y-99

Chemical Properties

CAS No. : 2034334-74-0
 Formula: C₁₈H₁₇F₂N₅O₃
 Molecular Weight: 389.36
 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	Y-99 is a PORCN inhibitor with an IC ₅₀ value of 155.4 nM for suppressing the Wnt/ β -catenin signaling pathway. Additionally, Y-99 inhibits the expression of p-LRP6, β -catenin, and c-Myc.
Targets(IC ₅₀)	c-Myc,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5683 mL	12.8416 mL	25.6832 mL
5 mM	0.5137 mL	2.5683 mL	5.1366 mL
10 mM	0.2568 mL	1.2842 mL	2.5683 mL
50 mM	0.0514 mL	0.2568 mL	0.5137 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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