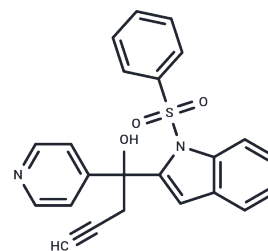


FKK6

Chemical Properties

CAS No. : 2238839-34-2
 Formula: C₂₃H₁₈N₂O₃S
 Molecular Weight: 402.47
 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	FKK6 is a selective agonist of the pregnane X receptor (PXR) with an EC ₅₀ of 1.2 μM. It demonstrates strong affinity for plasma proteins and exhibits favorable metabolic characteristics in human microsomes. FKK6 inhibits the PXR-related NF-κB signaling pathway, reducing the expression of inflammatory factors and showing anti-inflammatory activity in a mouse model of DSS-induced colitis.
Targets(IC50)	NF-κB, Interleukin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4847 mL	12.4233 mL	24.8466 mL
5 mM	0.4969 mL	2.4847 mL	4.9693 mL
10 mM	0.2485 mL	1.2423 mL	2.4847 mL
50 mM	0.0497 mL	0.2485 mL	0.4969 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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