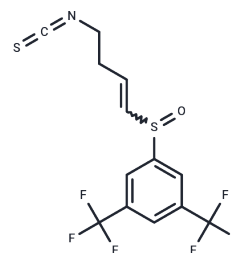


LFS-829

## Chemical Properties

CAS No. : 1799330-89-4  
 Formula: C<sub>13</sub>H<sub>9</sub>F<sub>6</sub>NOS<sub>2</sub>  
 Molecular Weight: 373.34  
 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	LFS-829 is a small-molecule antagonist of exportin-1. LFS-829 showed low-range nanomolar activities. Oral administration of LFS-829 can significantly reverse the pathological features of colitis model mice. LFS-829 can attenuate dual NF-κB signaling and the Nrf2 cytoprotection pathway via targeting exportin-1 in colitis mice. Moreover, LFS-829 has a very low risk of cardiotoxicity and acute toxicity. LFS-829 holds great promise for the treatment of colitis and may warrant translation for use in clinical trials.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6785 mL	13.3926 mL	26.7852 mL
5 mM	0.5357 mL	2.6785 mL	5.357 mL
10 mM	0.2679 mL	1.3393 mL	2.6785 mL
50 mM	0.0536 mL	0.2679 mL	0.5357 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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