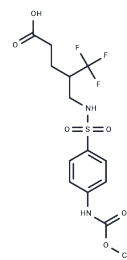


DC-SX029

## Chemical Properties

CAS No. : 300713-88-6  
 Formula: C<sub>14</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>6</sub>S  
 Molecular Weight: 398.36  
 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	DC-SX029 is a potent inhibitor of SNX10 protein-protein interaction (PPI) with an estimated K <sub>D</sub> constant of approximately 0.935 μM as measured by surface plasmon resonance (SPR). It blocks the SNX10-PIKfyve interaction, leading to decreased TBK1/c-Rel signaling activation, without affecting SNX10 protein levels. DC-SX029 shows potential for inflammatory bowel disease (IBD) research [1].
Targets(IC50)	NF-κB, IκB/IKK, PI3K

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5103 mL	12.5515 mL	25.1029 mL
5 mM	0.5021 mL	2.5103 mL	5.0206 mL
10 mM	0.251 mL	1.2551 mL	2.5103 mL
50 mM	0.0502 mL	0.251 mL	0.5021 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481