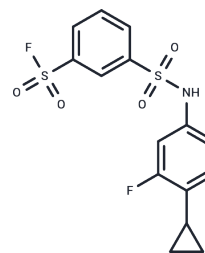


SOF-436

## Chemical Properties

CAS No. : 2224491-20-5  
 Formula: C<sub>15</sub>H<sub>13</sub>F<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S<sub>2</sub>  
 Molecular Weight: 373.395  
 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	SOF-436 is a KRAS inhibitor that can suppress SOS1-mediated KRAS nucleotide exchange (IC <sub>50</sub> = 60 μM) and inhibit the interaction between KRAS and the effector protein RAF. SOF-436 is applicable to cancer research.
Targets(IC <sub>50</sub> )	Ras

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6781 mL	13.3905 mL	26.7809 mL
5 mM	0.5356 mL	2.6781 mL	5.3562 mL
10 mM	0.2678 mL	1.339 mL	2.6781 mL
50 mM	0.0536 mL	0.2678 mL	0.5356 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481