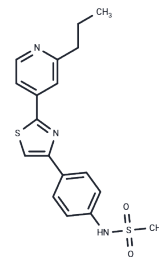


FGH10019

## Chemical Properties

CAS No. : 1046045-61-7  
 Formula: C<sub>18</sub>H<sub>19</sub>N<sub>3</sub>O<sub>2</sub>S<sub>2</sub>  
 Molecular Weight: 373.49  
 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	FGH10019 is a novel inhibitor of sterol regulatory element-binding protein (SREBP) ( IC <sub>50</sub> :1 μM).
Targets(IC <sub>50</sub> )	NPC1L1,Fatty Acid Synthase

## Solubility Information

Solubility	DMSO: 38 mg/mL (101.74 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6774 mL	13.3872 mL	26.7745 mL
5 mM	0.5355 mL	2.6774 mL	5.3549 mL
10 mM	0.2677 mL	1.3387 mL	2.6774 mL
50 mM	0.0535 mL	0.2677 mL	0.5355 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.

## Reference

Kamisuki S , Shirakawa T , Kugimiya A , et al. Synthesis and Evaluation of Diarylthiazole Derivatives That Inhibit Activation of Sterol Regulatory Element-Binding Proteins[J]. Journal of Medicinal Chemistry, 2011, 54(13):4923-4927.

**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