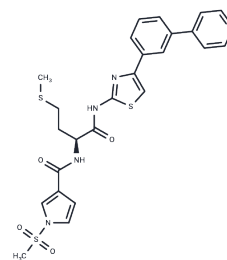


FHT-1015

## Chemical Properties

CAS No. : 2368903-18-6  
 Formula: C<sub>25</sub>H<sub>25</sub>N<sub>5</sub>O<sub>4</sub>S<sub>3</sub>  
 Molecular Weight: 555.69  
 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	FHT-1015 is a potent SMARCA4/SMARCA2 ATPase (BRG1 and BRM) inhibitor with potential anticancer activity for the study of cancer and inflammation.
Targets(IC50)	Epigenetic Reader Domain

## Solubility Information

Solubility	DMSO: 80 mg/mL (143.97 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (5.94 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7996 mL	8.9978 mL	17.9956 mL
5 mM	0.3599 mL	1.7996 mL	3.5991 mL
10 mM	0.180 mL	0.8998 mL	1.7996 mL
50 mM	0.036 mL	0.180 mL	0.3599 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

Rishi G. Vaswani, et al. Compounds and uses thereof. WO2020160180A1.

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