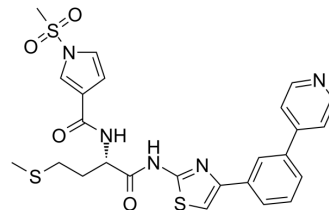


## FHT-1015

<b>Cat. No.:</b>	HY-144896		
<b>CAS No.:</b>	2368903-18-6		
<b>Molecular Formula:</b>	C <sub>25</sub> H <sub>25</sub> N <sub>5</sub> O <sub>4</sub> S <sub>3</sub>		
<b>Molecular Weight:</b>	556		
<b>Target:</b>	Epigenetic Reader Domain		
<b>Pathway:</b>	Epigenetics		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (179.86 mM)  
 \* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	1.7986 mL	8.9928 mL	17.9856 mL
	5 mM	0.3597 mL	1.7986 mL	3.5971 mL
	10 mM	0.1799 mL	0.8993 mL	1.7986 mL

Please refer to the solubility information to select the appropriate solvent.

#### In Vivo

1. Add each solvent one by one: 10% DMSO >> 90% corn oil  
 Solubility: ≥ 2.5 mg/mL (4.50 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

FHT-1205 is a potent SMARCA4/SMARCA2 ATPase (BRG1 and BRM) inhibitor with IC<sub>50</sub>s of ≤10 nM (WO2020160180A1; compound 67)<sup>[1]</sup>.

### REFERENCES

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

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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