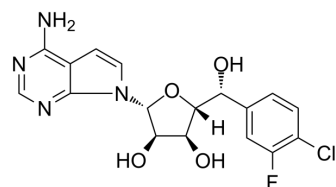


## PRMT5-IN-2

Cat. No.:	HY-112165		
CAS No.:	1989620-04-3		
Molecular Formula:	C <sub>17</sub> H <sub>16</sub> ClFN <sub>4</sub> O <sub>4</sub>		
Molecular Weight:	394.78		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 125 mg/mL (316.63 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5331 mL	12.6653 mL	25.3306 mL
	5 mM	0.5066 mL	2.5331 mL	5.0661 mL
	10 mM	0.2533 mL	1.2665 mL	2.5331 mL

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

## BIOLOGICAL ACTIVITY

### Description

PRMT5-IN-2 is a rotein arginine methyltransferase 5 (PRMT5) inhibitor extracted from patent WO2018130840A1, compound 3 [1].

### IC<sub>50</sub> & Target

PRMT5<sup>[1]</sup>

## REFERENCES

[1]. Pedro BELTRAN-ALVAREZ, et al. Arginine methylation inhibitor for treating or preventing cardiovascular disease. WO2018130840A1.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA