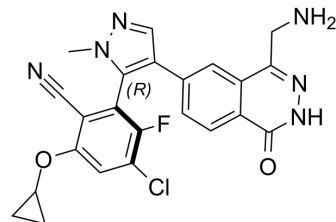


MRTX-1719

Cat. No.:	HY-139611		
CAS No.:	2630904-45-7		
Molecular Formula:	C ₂₃ H ₁₈ ClFN ₆ O ₂		
Molecular Weight:	464.88		
Target:	Histone Methyltransferase		
Pathway:	Epigenetics		
Storage:	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 (215.11 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.1511 mL	10.7555 mL	21.5109 mL
		5 mM	0.4302 mL	2.1511 mL	4.3022 mL
10 mM		0.2151 mL	1.0755 mL	2.1511 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2 mg/mL (4.30 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2 mg/mL (4.30 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2 mg/mL (4.30 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	MRTX-1719 is a potent first-in-class selective inhibitor of the PRMT5/MTA complex, with an IC ₅₀ of less than 10 nM in PRMT5/MTA MTAP ^{DEL} SDMA cells ^[1] .
IC₅₀ & Target	PRMT5

REFERENCES

[1]. Targeting the genetic and immunological drivers of cancer.

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

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