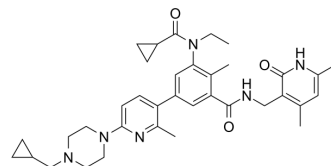


EZH2-IN-2

Cat. No.:	HY-A0298		
CAS No.:	2238821-31-1		
Molecular Formula:	C ₃₆ H ₄₆ N ₆ O ₃		
Molecular Weight:	610.79		
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 : 10 mg/mL (16.37 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.6372 mL	8.1861 mL	16.3722 mL
	5 mM	0.3274 mL	1.6372 mL	3.2744 mL
	10 mM	0.1637 mL	0.8186 mL	1.6372 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 1 mg/mL (1.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 1 mg/mL (1.64 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 1 mg/mL (1.64 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

EZH2-IN-2 is a EZH2 inhibitor extracted from patent WO2018133795A1, Compound Example 69, with an IC₅₀ of 64 nM. EZH2-IN-2 can be used for the research of cancer or precancerous condition related to EZH2 activity^[1].

IC₅₀ & Target

EZH2
64 nM (IC₅₀)

REFERENCES

[1]. LIU, Qing Song, et al. Ezh2 inhibitor and use thereof. WO2018133795A1.

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

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