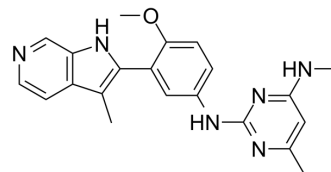


EHMT2-IN-2

Cat. No.:	HY-111904		
CAS No.:	2230850-47-0		
Molecular Formula:	C ₂₁ H ₂₂ N ₆ O		
Molecular Weight:	374.44		
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 : 50 mg/mL (133.53 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.6707 mL	13.3533 mL	26.7065 mL
	5 mM	0.5341 mL	2.6707 mL	5.3413 mL
	10 mM	0.2671 mL	1.3353 mL	2.6707 mL

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

BIOLOGICAL ACTIVITY

Description

EHMT2-IN-2 is a potent EHMT inhibitor, with IC₅₀s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2. Used in the research of blood disease or cancer^[1].

IC₅₀ & Target

EHMT1 PEP <100 nM (IC ₅₀)	EHMT2 PEP <100 nM (IC ₅₀)	EHMT2 ICW <100 nM (IC ₅₀)
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In Vitro

EHMT2-IN-2 (Compound 200) is a potent EHMT inhibitor, with IC₅₀s of all < 100 nM for EEHMT1 peptide, EHMT2 peptide and cellular EHMT2^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. John Emmerson Campbell, et al. Amine-substituted heterocyclic compounds as ehmt2 inhibitors and methods of use thereof. WO2018118842A1.

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

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