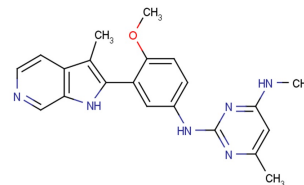


EHMT2-IN-2

Chemical Properties

CAS No.:	2230850-47-0
Formula:	C ₂₁ H ₂₂ N ₆ O
Molecular Weight:	374.44
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	EHMT2-IN-2 Used in the research of blood disease or cancer. EHMT2-IN-2 is a potent EHMT inhibitor, with IC50s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2.
Targets(IC ₅₀)	EHMT1 PEP: 100 nM EHMT2 PEP: 100 nM EHMT2 ICW: 100 nM
In vitro	EHMT2-IN-2 is a potent EHMT inhibitor, with IC50s of all < 100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.671 mL	13.353 mL	26.707 mL
5 mM	0.534 mL	2.671 mL	5.341 mL
10 mM	0.267 mL	1.335 mL	2.671 mL
50 mM	0.053 mL	0.267 mL	0.534 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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