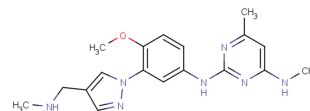


EHMT2-IN-1

**Chemical Properties**

CAS No.:	2230849-55-3
Formula:	C <sub>18</sub> H <sub>23</sub> N <sub>7</sub> O
Molecular Weight:	353.42
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-1 is a potent EHMT inhibitor, . Used in the research of blood disorder or cancer.with IC50s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2.
Targets(IC <sub>50</sub> )	EHMT1 PEP: 100 nM EHMT2 PEP: 100 nM EHMT2 ICW: 100 nM
In vitro	EHMT2-IN-1 potent EHMT inhibitor, with IC50s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2.

**Solubility Information**

Solubility	DMSO: 55 mg/mL (155.62 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.829 mL	14.147 mL	28.295 mL
5 mM	0.566 mL	2.829 mL	5.659 mL
10 mM	0.283 mL	1.415 mL	2.829 mL
50 mM	0.057 mL	0.283 mL	0.566 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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