

## Product Data Sheet

Product Name: EHMT2-IN-1

Cat. No.: GC34567

### Chemical Properties

Cas. No. 2230849-55-3

SMILES COC1=C(N2N=CC(CNC)=C2)C=C(NC3=NC(NC)=CC(C)=N3)C=C1

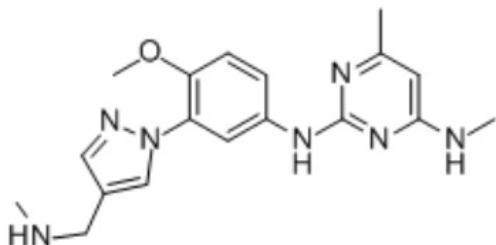
Formula  $C_{18}H_{23}N_7O$  M.Wt 353.42

Solubility DMSO : 55 mg/mL (155.62 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

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

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EHMT2-IN-1 is a potent EHMT inhibitor, with IC<sub>50</sub>s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2. Used in the research of blood disorder or cancer[1]. EHMT1 PEP|<100 nM (IC<sub>50</sub>)|EHMT2 PEP|<100 nM (IC<sub>50</sub>)|EHMT2 ICW|<100 nM (IC<sub>50</sub>)

EHMT2-IN-1 (Compound 108) potent EHMT inhibitor, with IC<sub>50</sub>s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2[1].

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

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