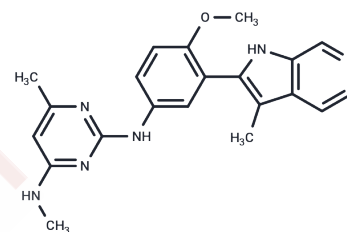


EHMT2-IN-2

Chemical Properties

CAS No. :	2230850-47-0
Formula:	C ₂₁ H ₂₂ N ₆ O
Molecular Weight:	374.44
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	EHMT2-IN-2 is a highly potent EHMT inhibitor with IC ₅₀ values below 100 nM against EHMT1 peptide, EHMT2 peptide, and intracellular EHMT2. It can be used in hematological and tumor-related research.
Targets(IC ₅₀)	Histone Methyltransferase
In vitro	EHMT2-IN-2 is a potent EHMT inhibitor with IC ₅₀ values less than 100 nM against EHMT1 peptide, EHMT2 peptide, and intracellular EHMT2 [1].

Solubility Information

Solubility	DMSO: 40 mg/mL (106.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0534 mL	0.2671 mL	0.5341 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481