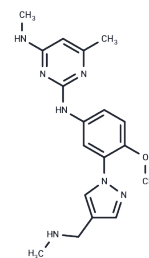


EHMT2-IN-1

Chemical Properties

CAS No. :	2230849-55-3
Formula:	C ₁₈ H ₂₃ N ₇ O
Molecular Weight:	353.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	EHMT2-IN-1 is a potent EHMT inhibitor used in blood disorder and cancer research, with IC ₅₀ values all below 100 nM for EHMT1 peptide, EHMT2 peptide, and cellular EHMT2.
Targets(IC ₅₀)	Others
In vitro	EHMT2-IN-1 is a potent EHMT inhibitor, with IC ₅₀ s of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2.

Solubility Information

Solubility	DMSO: 55 mg/mL (155.62 mM), Sonication is recommended. (< 1 mg/mL refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8295 mL	14.1475 mL	28.2949 mL
5 mM	0.5659 mL	2.8295 mL	5.659 mL
10 mM	0.2829 mL	1.4147 mL	2.8295 mL
50 mM	0.0566 mL	0.2829 mL	0.5659 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.

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

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