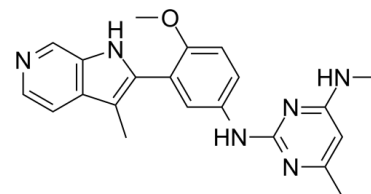


Data Sheet

Product Name:	EHMT2-IN-2
Cat. No.:	CS-0093739
CAS No.:	2230850-47-0
Molecular Formula:	C ₂₁ H ₂₂ N ₆ O
Molecular Weight:	374.44
Target:	Histone Methyltransferase
Pathway:	Epigenetics
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

EHMT2-IN-2 is a potent **EHMT** inhibitor, with **IC₅₀s** of all <100 nM for EHMT1 peptide, EHMT2 peptide and cellular EHMT2. Used in the research of blood disease or cancer^[1]. **In Vitro**: EHMT2-IN-2 (Compound 200) is a potent EHMT inhibitor, with **IC₅₀s** of all < 100 nM for EEHMT1 peptide, EHMT2 peptide and cellular EHMT2^[1].

References:

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

CAIndexNames:

2,4-Pyrimidinediamine, N2-[4-methoxy-3-(3-methyl-1H-pyrrolo[2,3-c]pyridin-2-yl)phenyl]-N4,6-dimethyl-

SMILES:

CC1=CC(NC)=NC(NC2=CC=C(OC)C(C(N3)=C(C)C4=C3C=NC=C4)=C2)=N1

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

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