



Product Information

HMT inhibitor PF-06726304, Purity ≥98%

Cat. No.: X24-05-ZQ533

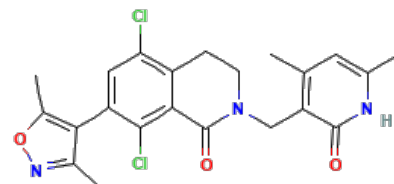
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1616287-82-1

Compound CID: 86723730

Synonym: 1616287-82-1; PF 06726304; PF06726304; Histone methyltransferase inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	PF-06726304, soluble in DMSO and ethanol and insoluble in water, inhibits the enzymes that add methyl groups to histone proteins, altering chromatin structure and gene expression. It targets EZH2 WT and EZH2 Y641N.
Molecular Weight	446.32
Molecular Formula	C ₂₂ H ₂₁ Cl ₂ N ₃ O ₃
Targets	EZH2 WT: 0.7 nM (Ki); EZH2 Y641N: 3 nM (Ki)
IUPAC Name	5,8-Dichloro-7-(3,5-dimethyl-1,2-oxazol-4-yl)-2-[(4,6-dimethyl-2-oxo-1H-pyridin-3-yl)methyl]-3,4-dihydroisoquinolin-1-one
InChI	InChI=1S/C22H21Cl2N3O3/c1-10-7-11(2)25-21(28)16(10)9-27-6-5-14-17(23)8-15(20(24)19(14)22(27)29)18-12(3)26-30-13(18)4/h7-8H,5-6,9H2,1-4H3,(H,25,28)
InChI Key	PDKDOPJQPKXNCT-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=C(C(=O)N1)CN2CCC3=C(C=C(C(=C3C2=O)Cl)C4=C(ON=C4C)C)Cl)C
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 9 mg/mL (20.16 mM); Water: Insoluble; Ethanol: 20 mg/mL (44.81 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	PF-06726304 can be used to inhibit CDK9 in cancer research, affecting transcription regulation.
Storage	Store at -20°C.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
