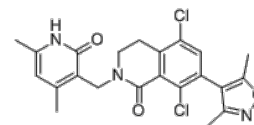


Product Name : PF-06726304
Cat. No. : PC-62527
CAS No. : 1616287-82-1
Molecular Formula : C₂₂H₂₁Cl₂N₃O₃
Molecular Weight : 446.328
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

PF-06726304 is a novel potent enhancer of zeste homolog 2 (**EZH2**) inhibitor with IC₅₀ of <5 nM, K_i of 0.7/3.0 nM (Wt/Y641N).

PF-06726304 displays very potent EZH2 biochemical inhibition as well as good activity in the cell H3K27Me3 reduction (IC₅₀=15 nM) and antiproliferation effect.

PF-06726304 also exhibits robust in vivo antitumor growth activity and dose-dependent de-repression of EZH2 target genes.

References

Kung PP, et al. *J Med Chem.* 2016 Sep 22;59(18):8306-25.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com