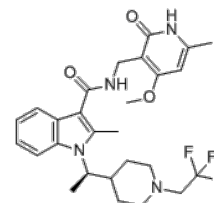

Product Name	: CPI-1205
Cat. No.	: PC-60299
CAS No.	: 1621862-70-1
Molecular Formula	: C ₂₇ H ₃₃ F ₃ N ₄ O ₃
Molecular Weight	: 518.57
Target	: Histone Methyltransferase (HMTase)
Solubility	: 10 mM in DMSO



Biological Activity

Lirimetostat (CPI-1205) is a highly potent, selective **EZH2** inhibitor with biochemical IC₅₀ of 2 nM, cellular EC₅₀ of 32 nM. Lirimetostat (CPI-1205) demonstrates modest selectivity over EZH1 (IC₅₀=52 nM), and a clean selectivity profile against 30 other histone or DNA methyltransferases. Lirimetostat (CPI-1205) exhibits robust antitumor effects in a Karpas-422 xenograft model (at 160 mg/kg BID).

References

Vaswani RG, et al. *J Med Chem.* 2016 Nov 10;59(21):9928-9941.

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

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