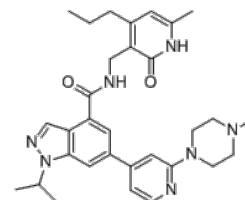


Product Name : GSK343
Cat. No. : PC-21950
CAS No. : 1346704-33-3
Molecular Formula : C₃₁H₃₉N₇O₂
Molecular Weight : 541.70
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

GSK343 is a highly potent, selective, SAM-competitive, and cell-active **EZH2** inhibitor with IC₅₀ of 4 nM and Kiapp of 1.2 nM.

GSK343 displays 60-fold selectivity over EZH1, and >1000-fold over other methyltransferases.

GSK343 potently inhibits H3K27me3 in HCC1806 breast cancer cells with IC₅₀ of 174 nM.

References

Verma SK, et al. *ACS Med Chem Lett.* 2012 Oct 19;3(12):1091-6.

Amatangelo MD, et al. *Cell Cycle.* 2013 Jul 1;12(13):2113-9.

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

E-mail: tech@probechem.com