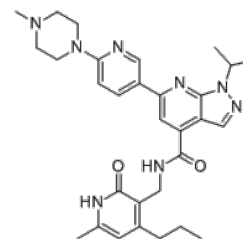


Product Name : JQEZ5
Cat. No. : PC-60263
CAS No. : 1913252-04-6
Molecular Formula : C₃₀H₃₈N₈O₂
Molecular Weight : 542.688
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

JQEZ5 (JQ5, EZ005) is a novel potent, selective, SAM-competitive **EZH2** inhibitor with IC₅₀ of 80 nM (inhibition of enzymatic function of PRC2).

JQEZ5 demonstrates acutely reduced level of H3K27me3 without affecting mono- and di-methylation, suppresses the proliferation of EZH2-overexpression H661 and H522 cell lines, more effectively than GSK-126 and GSK-343.

JQEZ5 promotes the regression of EZH2-driven tumors in vivo.

References

Zhang H, et al. *Cancer Discov.* 2016 Sep;6(9):1006-21.

Frankel AE, et al. *Cancer Discov.* 2016 Sep;6(9):949-52.

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

E-mail: tech@probechem.com