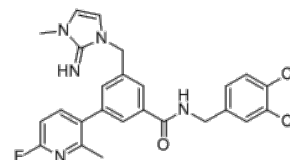

Product Name	: WDR5 WIN site inhibitor C6
Cat. No.	: PC-36119
CAS No.	: 2407457-36-5
Molecular Formula	: C ₂₅ H ₂₂ Cl ₂ FN ₅ O
Molecular Weight	: 498.383
Target	: Histone Methyltransferase (HMTase)
Solubility	: 10 mM in DMSO



Biological Activity

WDR5 inhibitor C6 (WDR5-IN-4) is a highly potent **WDR5** WIN site inhibitor with K_d of 0.1 nM.

WDR5 inhibitor C6 inhibits cell lines and primary transformed cells carrying MLL1 rearrangements (MV4:11, IC₅₀=3.2 μM), induces apoptosis and kills cells in a p53-dependent manner.

WDR5 inhibitor C6 rapidly displace WDR5 from chromatin and decrease the expression of associated genes, causing translational inhibition, nucleolar stress, and p53 induction.

References

Aho ER, et al. *Cell Rep.* 2019 Mar 12;26(11):2916-2928.e13.

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

E-mail: tech@probechem.com
