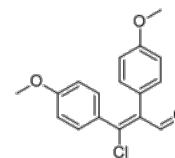


Product Name : Windorphen
Cat. No. : PC-70121
CAS No. : 19881-70-0
Molecular Formula : C₁₇H₁₅ClO₃
Molecular Weight : 302.75
Target : Histone Acetyltransferase (HAT)
Solubility : 10 mM in DMSO



Biological Activity

Windorphen is a potent, selective inhibitor of **p300** histone acetyltransferase (IC₅₀=4.2 μM).

Windorphen displays >10-fold selectivity over other histone acetyltransferases.

Windorphen inhibits Wnt3a-inducible TOPFLASH-luciferase activity with IC₅₀ of 1.5 μM, exhibits remarkable specificity toward β-catenin-1 function and selectively blocks the Wnt signal required for ventral development.

Windorphen robustly and selectively kills cancer cells that harbor Wnt-activating mutations.

References

Hao J, et al. *Cell Rep.* 2013 Sep 12;4(5):898-904.

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

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