

Product Name : Windorphen

Synonyms : —

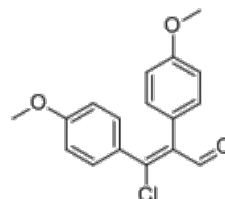
Cat No. : M13107

CAS Number : 19881-70-0

Molecular Formula : C₁₇H₁₅ClO₃

Formula Weight : 302.75

Chemical Name : (Z)-3-chloro-2,3-bis(4-methoxyphenyl)acrylaldehyde



Description : A potent, selective inhibitor of p300 histone acetyltransferase (IC₅₀=4.2 μM); displays >10-fold selectivity over other histone acetyltransferases; 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; robustly and selectively kills cancer cells that harbor Wnt-activating mutations.

Pathway : Chromatin/Epigenetic

Target : HAT

Receptor : HAT

Solubility : —

SMILES : COC1=CC=C(C=C1)C(=C(C2=CC=C(C=C2)OC)Cl)C=O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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