

Product Name : Histone Acetyltransferase Inhibitor II

Synonyms : —

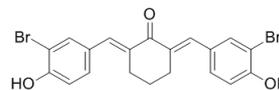
Cat No. : M22025

CAS Number : 932749-62-7

Molecular Formula : C₂₀H₁₆Br₂O₃

Formula Weight : 464.15

Chemical Name : —



Description : Histone Acetyltransferase Inhibitor II is a selective and cell permeable inhibitor of p300 histone acetyltransferase (IC₅₀ : 5 μM). with anti-acetylase activity in mammalian cells. Histone Acetyltransferase Inhibitor II (compound 2c) was the most active inhibitor, also showing high specificity for p300 as compared to other histone acetyltransferases. Most notably, 2c showed anti-acetylase activity in mammalian cells.

Pathway : Chromatin/Epigenetic

Target : Epigenetic Reader Domain

Receptor : p300

Solubility : DMSO:30 mg/mL (64.63 mM)

SMILES : C1CC(=CC2=CC(=C(C=C2)O)Br)C(=O)C(=CC3=CC(=C(C=C3)O)Br)C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

I.Costi R, et al. Cinnamoyl compounds as simple molecules that inhibit p300 histone acetyltransferase. *J Med Chem*. 2007 Apr 19;50(8):1973-7. Epub 2007 Mar 10.