



Product Information

Histone acetyltransferase inhibitor II, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ571

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 932749-62-7

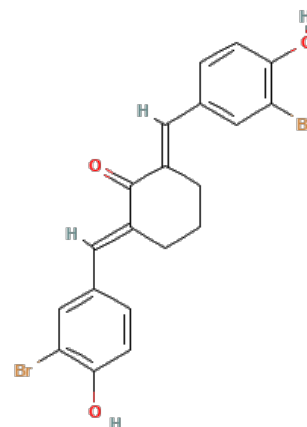
Compound CID: 16203606

Synonym: 932749-62-7; Histone acetyltransferase inhibitor II; HAT Inhibitor II;

CHEMBL222328; trans-2,6-Bis(3-bromo-4-hydroxybenzylidene)cyclohexanone;

Histone methyltransferase inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Histone acetyltransferase inhibitor II, soluble in DMSO and ethanol and insoluble in water, inhibits enzymes that add acetyl groups to histones, affecting chromatin structure and regulating gene transcription.
Molecular Weight	464.15
Molecular Formula	C ₂₀ H ₁₆ Br ₂ O ₃
IUPAC Name	(2E,6E)-2,6-bis[(3-bromo-4-hydroxyphenyl)methylidene]cyclohexan-1-one
InChI	InChI=1S/C20H16Br2O3/c21-16-10-12(4-6-18(16)23)8-14-2-1-3-15(20(14)25)9-13-5-7-19(24)17(22)11-13/h4-11,23-24H,1-3H2/b14-8+,15-9+
InChI Key	YOLKEKNTCBWPSD-VOMDNODZSA-N
Canonical SMILES	C1CC(=CC2=CC(=C(C=C2)O)Br)C(=O)C(=CC3=CC(=C(C=C3)O)Br)C1
Isomeric SMILES	C1C/C(=C\C2=CC(=C(C=C2)O)Br)/C(=O)/C(=C/C3=CC(=C(C=C3)O)Br)/C1
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 82 mg/mL (176.66 mM); Water: Insoluble; Ethanol: 18 mg/mL (46.94 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Histone acetyltransferase inhibitor II can be used to inhibit histone acetyltransferases in cancer research.
Storage	Store at -20°C.



CD BioGlyco

SUITE 201, 17 Ramsey Road, Shirley, NY 11967, USA

Tel: 1-631-637-6119 | Email: info@bioglyco.com
