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DATASHEET

I-CBP 112

Product overview

Name	I-CBP 112
Cat No	HB1447
Biological action	Inhibitor
Purity	>98%
Description	CBP/p300 Bromodomain inhibitor

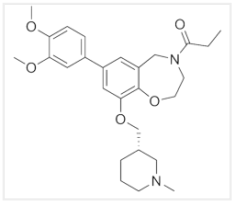
Biological Data

Biological description	CBP/p300 Bromodomain inhibitor (IC_{50} values are 170 and 625 nM). Selective over ATAD2, BAZ2B, BRD2, BRD4, PB1, PCAF, PHIP and TRIM24/TIF-1a. Shows accelerated FRAP recovery at 1 µM.

Solubility & Handling

Storage instructions	+4°C
Solubility overview	Soluble in DMSO (100mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	1-[7-(3,4-Dimethoxyphenyl)-9-[[(3*S*)-1-methylpiperidin-3-yl]methoxy]-2,3,4,5-tetrahydro-1,4-benzoxazepin-4-yl]propan-1-one
Molecular Weight	468.59
Chemical structure	
Molecular Formula	$C_{27}H_{36}N_2O_5$
CAS Number	1640282-31-0
PubChem identifier	90488984
SMILES	COC(C(OC)=C1)=CC=C1C2=CC(OC[C@H]3CCCN(C)C3)=C(OCCN(C(CC)=O)C4)C4=C2
InChiKey	YKNAKDFZAWQEEO-IBGZPJMESA-N

References

Bromodomains and their pharmacological inhibitors.

Gallenkamp D *et al* (2014) ChemMedChem 9(3)
PubMedID 24497428