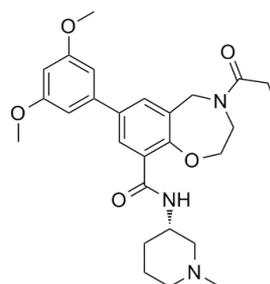


Product Name : TPOP146
Synonyms : TPOP-146; TPOP 146
Cat No. : M13144
CAS Number : 2018300-62-2
Molecular Formula : C₂₇H₃₅N₃O₅
Formula Weight : 481.58



Chemical Name : 1,4-Benzoxazepine-9-carboxamide, 7-(3,5-dimethoxyphenyl)-2,3,4,5-tetrahydro-N-[(3S)-1-methyl-3-piperidiny]-4-(1-oxopropyl)-

Description : A potent and selective CBP/p300 bromodomain inhibitor with K_d of 134 nM for CBP bromodomain, displays excellent selectivity over other bromodomains (>30-fold over BRD4 (1)); targets the CBP bromodomain in the nucleus and is capable of competing with acetyl-lysine mediated interactions of the CBP bromodomain in cellular environments.

Pathway : Chromatin/Epigenetic

Target : Bromodomain

Receptor : Bromodomain

Solubility : DMSO

SMILES : COC1=CC(C2=CC(C(N[C@H]3CCCN(C)C3)=O)=C(OCCN(C)C)C4=C2)=CC(OC)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Popp TA, et al. J Med Chem. 2016 Oct 13;59(19):8889-8912.