

Product Name : GSK1324726A

Synonyms : I-BET726; GSK 1324726A; GSK-1324726A; I-BET 726

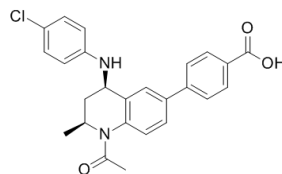
Cat No. : M11205

CAS Number : 1300031-52-0

Molecular Formula : C₂₅H₂₃ClN₂O₃

Formula Weight : 434.91

Chemical Name : Benzoic acid, 4-[(2S,4R)-1-acetyl-4-[(4-chlorophenyl)amino]-1,2,3,4-tetrahydro-2-methyl-6-quinoliny]-



Description : A potent and selective inhibitor of BET bromodomain with IC₅₀ of 41 nM/31 nM/22 nM for BRD2/BRD3/BRD4 respectively; exhibits growth inhibition with a median growth IC₅₀ value of 75 nM in neuroblastoma cell lines; oral administration to mouse xenograft models of human neuroblastoma results in tumor growth inhibition and down-regulation MYCN and BCL2 expression.

Pathway : Chromatin/Epigenetic

Target : Bromodomain

Receptor : BRD2; BRD3; BRD4

Solubility : DMSO: ≥ 46 mg/mL

SMILES : O=C(O)C1=CC=C(C2=CC3=C(N(C(C)=O)[C@@H](C)C[C@H]3NC4=CC=C(Cl)C=C4)C=C2)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Gosmini R, et al. J Med Chem. 2014 Oct 9;57(19):8111-31. 2. Wyce A, et al. PLoS One. 2013 Aug 23;8(8):e72967.