

产品名称 : Dual BET-Kinase inhibitor 3

同义词 : BRD4-Kinases-IN-3 | BRD4 Kinases IN 3 | BRD4KinasesIN3
| BRD4 kinases inhibitor 3

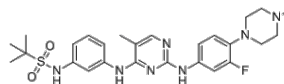
产品货号 : M12912

CAS Number : 1877286-69-5

分子式 : C₂₆H₃₄FN₇O₂S

分子量 : 527.663

化学全名 : N-(3-((2-((3-fluoro-4-(4-methylpiperazin-1-yl)phenyl)amino)-5-methylpyrimidin-4-yl)amino)phenyl)-2-methylpropane-2-sulfonamide



产品描述 : A potent, dual BET bromodomain-kinase inhibitor with IC₅₀ of 34, 1.1 and 1.1 nM for BRD4 BD1, JAK2 and FLT-3, respectively; also significantly inhibits NTRK3 (IC₅₀=5 nM), ROS1 (IC₅₀=11 nM), PDGFRβ (IC₅₀=16 nM) and FGFR1 (IC₅₀=43 nM), shows equal activity against the first and second bromodomains of BRD4 and shows only slightly reduced activity against BRDT-1; inhibits cell growth of MM and AML cell lines with IC₅₀ of <1 uM, reduces c-MYC and p-STAT3 levels and induces G1 arrest, display differential activity across cancer cell lineages.

通路 : Chromatin/Epigenetic

靶点 : Bromodomain

受体 : Bromodomain

溶解度 : ——

SMILES : CC(S(=O)(=O)N1C=CC=CC(NC2=NC(NC3=CC=C(N4CCN(C)CC4)C(F)=C3)=NC=C2C)=C1)=O)(C)C

存储条件 : (-20℃)

稳定性 : ≥ 2 years

参考文献 :

1. Ember SW, et al. Mol Cancer Ther. 2017 Jun;16(6):1054-1067.

仅限科学研究使用，不得用于人体。