

Product Name : ZXH-3-26

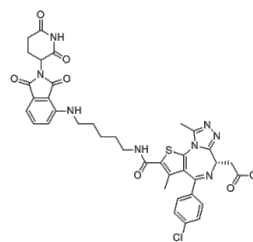
Synonyms : —

Cat No. : M16948

CAS Number :

Molecular Formula : C₃₈H₃₇ClN₈O₇S

Formula Weight : 785.27



Chemical Name : methyl 2-((6S)-4-(4-chlorophenyl)-2-((5-((2-(2,6-dioxopiperidin-3-yl)-1,3-dioxoisindolin-4-yl)amino)pentyl)carbamoyl)-3,9-dimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)acetate

Description : ZXH-3-26 is a novel BRD4 heterobifunctional small-molecule ligand (PROTAC), shows activity exclusively on the BRD4 BD1 (DC_{50/5h}=5 nM) and spares degradation of BRD2 or BRD3 in cellular degradation assays; ZXH-3-26 represents the first small molecule to allow pharmacologic targeting of BRD4 without significant inhibition or degradation of BRD2 and BRD3.

Pathway : PROTACs

Target : PROTAC

Receptor : PROTAC

Solubility : —

SMILES : CC(=O)OC[C@H]1C2=NN=C(C)N2C3=C(C(C)=C(C)C)NCCCCCNC4=CC=CC(C(N5C(C(C6)=O)=O)=O)=C4C5=O)=O)S3)C(C7=CC=C(Cl)C=C7)=N1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Nowak RP, et al. Nat Chem Biol. 2018 Jun 11. doi: 10.1038/s41589-018-0055-y.