

Product Name	: MZ1
Synonyms	: MZ-1; MZ 1
Cat No.	: M12715
CAS Number	: 1797406-69-9
Molecular Formula	: C ₄₉ H ₆₀ ClN ₉ O ₈ S ₂
Formula Weight	: 1002.64
Chemical Name	: (2S,4R)-1-((S)-2-(tert-butyl)-17-((S)-4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)-4,16-dioxo-6,9,12-trioxo-3,15-diazaheptadecanoyl)-4-hydroxy-N-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide
Description	: MZ1 is aPROTAC that tethers JQ1 to a ligand for the E3 ubiquitin ligase VHL, triggers, induces degradation of the BET bromodomain BRD4; induces reversible, long-lasting, and unexpectedly selective removal of BRD4 over BRD2 and BRD3.
Pathway	: PROTACs
Target	: PROTAC
Receptor	: PROTAC
Solubility	: DMSO : 25 mg/mL 24.93 mM; H ₂ O : < 0.1 mg/mL
SMILES	: <chem>O=C([C@H]1N(C([C@@H](NC(COCCOCCOCCNC(C[C@H]2C3=NN=C(C)N3C4=C(C(C)=C(C)S4)C(C5=CC=C(Cl)C=C5)=N2)=O)=O)C(C)(C)C=O)CCC1)NCC6=CC=C(C7=C(C)N=CS7)C=C6</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zengerle M, et al. ACS Chem Biol. 2015 Aug 21;10(8):1770-7.