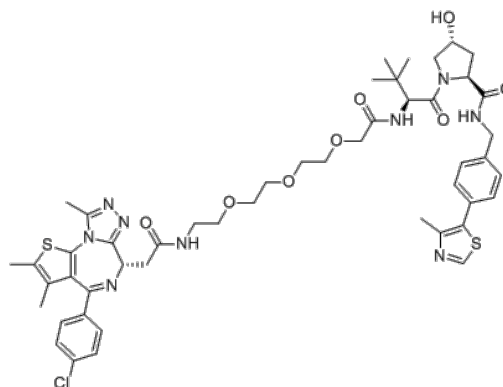


Product Name : MZ1
Cat. No. : PC-60099
CAS No. : 1797406-69-9
Molecular Formula : C₄₉H₆₀ClN₉O₈S₂
Molecular Weight : 1002.644
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

MZ1 is a **PROTAC** that tethers JQ1 to a ligand for the E3 ubiquitin ligase VHL, triggers and induces degradation of the BET bromodomain **BRD4**.

MZ1 potently and rapidly induces reversible, long-lasting, and selective removal of BRD4 over BRD2 and BRD3.

MZ1 shows K_d values of 382/120, 119/115, and 307/228 nM for BRD4 BD1/2, BRD3 BD1/2, and BRD2 BD1/2, respectively.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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