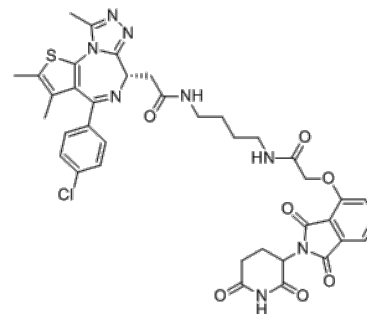


Product Name : dBET1
Cat. No. : PC-62321
CAS No. : 1799711-21-9
Molecular Formula : C₃₈H₃₇ClN₈O₇S
Molecular Weight : 785.273
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

dBET1 is a proteolysis-targeting chimera (**PROTAC**) molecule that appends a competitive antagonist of BET bromodomain (JQ1) to a phthalimide moiety to hijack the cereblon E3 ubiquitin ligase complex. dBET1 induces highly selective cereblon-dependent BET protein degradation in vitro (EC₅₀=430 nM) and in vivo and delayed leukemia progression in mice.

References

Winter GE, et al. *Science*. 2015 Jun 19;348(6241):1376-81.

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

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