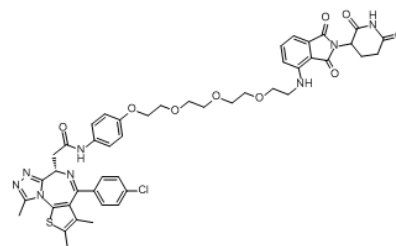


Product Name : ARV-825
Cat. No. : PC-45097
CAS No. : 1818885-28-7
Molecular Formula : C₄₆H₄₇ClN₈O₉S
Molecular Weight : 923.4316
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

ARV-825 (ARV825) is a hetero-bifunctional **PROTAC** (Proteolysis Targeting Chimera) that recruits **BRD4** to the E3 ubiquitin ligase cereblon, leading to fast, efficient, and prolonged degradation of BRD4 via the proteasome. ARV-825 shows more significant and longer lasting c-MYC suppression than small molecule inhibitors (JQ1, OTX015). ARV-825 treatment leads to a superior effect on BL cells proliferation suppression.

References

- Lu J, et al. *Chem Biol*. 2015 Jun 18;22(6):755-63.
Abruzzese MP, et al. *J Hematol Oncol*. 2016 Dec 1;9(1):134.
Saenz DT, et al. *Leukemia*. 2017 Jan 31. doi: 10.1038/leu.2016.393.

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

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