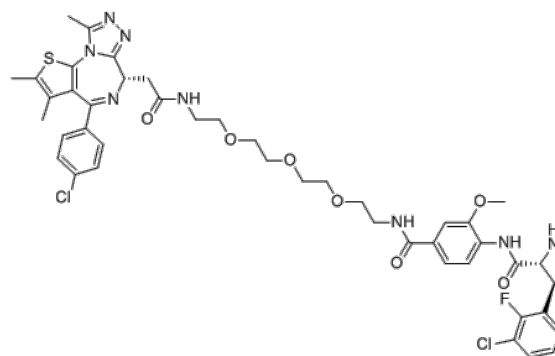


Product Name : A1874
Cat. No. : PC-35762
CAS No. : 2064292-12-0
Molecular Formula : C₅₈H₆₂Cl₃F₂N₉O₇S
Molecular Weight : 1173.597
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

A1874 (A-1874) is a nutlin-based and **BRD4**-degrading **PROTAC** with DC50 of 32 nM (induce BRD4 degradation in cells). A1874 is more effective in inhibiting proliferation of many cancer cell lines with wild type p53 than was a corresponding VHL-utilizing PROTAC with similar potency and efficacy to degrade BRD4. A1874 demonstrates synergistic antiproliferative effect via simultaneous degradation of BRD4 and stabilization of p53.

References

Hines J, et al. *Cancer Res.* 2018 Nov 1. pii: canres.2918.2018.

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

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