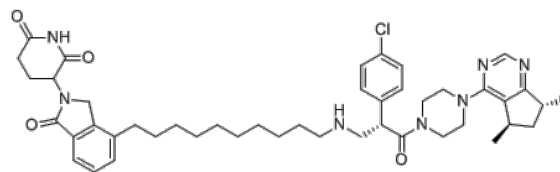


Product Name : INY-03-041
Cat. No. : PC-72497
CAS No. : 2503017-97-6
Molecular Formula : C₄₄H₅₆ClN₇O₅
Molecular Weight : 798.426
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

INY-03-041 a pan-**AKT** degrader (**PROTAC**) consisting of AKT inhibitor GDC-0068 conjugated to lenalidomide, a recruiter of the E3 ubiquitin ligase substrate adaptor Cereblon (CRBN).

INY-03-041 exhibits more potent and prolonged effects on downstream signaling than GDC-0068.

INY-03-041 induced potent degradation of all three AKT isoforms in a dose-dependent manner after a 12-hour treatment, with maximal degradation observed between 100 to 250 nM.

References

Inchul You, et al. **Cell Chem Biol.** 2020 Jan 16;27(1):66-73.e7.

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

E-mail: tech@probechem.com