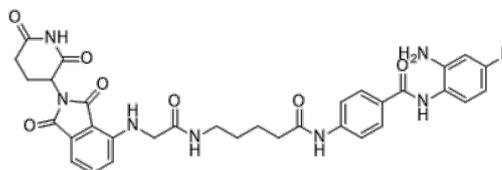


Product Name : HD-TAC7
Cat. No. : PC-26369
CAS No. : 2978763-95-8
Molecular Formula : C₃₃H₃₂FN₇O₇
Molecular Weight : 657.66
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

HD-TAC7 is a potent, selective Cereblon-dependent **HDAC3 PROTAC** degrader with DC50 of 0.32 μ M in RAW 264.7 cells. HD-TAC7 induced an increase of H3K27 acetylation in RAW 264.7 macrophages. HD-TAC7 induces E3 ligase dependent ubiquitination and subsequent proteasome mediated HDAC3 degradation. HD-TAC7 shows a minimal effect on gene expression in LPS/IFN γ -stimulated RAW 264.7 macrophages.

References

Fangyuan Cao, et al. *Eur J Med Chem.* 2020 Dec 15;208:112800.

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

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