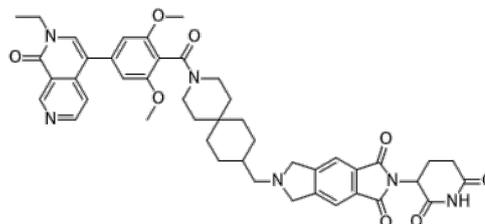


Product Name : CW-3308
Cat. No. : PC-22939
CAS No. : 3055592-99-6
Molecular Formula : C₄₅H₄₈N₆O₈
Molecular Weight : 800.91
Target : PROTAC
Solubility : 10 mM in DMSO



Biological Activity

CW-3308 is a potent, selective, and orally bioavailable **BRD9 PROTAC** degrader, effectively reduces the BRD9 protein by 68% at 1 nM (DC50 < 1 nM) and 90% at 10 nM in the G401 rhabdoid tumor cell line.

CW-3308 also effectively induced depletion of BRD9 protein in the HS-SY-II synovial sarcoma cell line in Western blotting analysis with DC50 < 10 nM and Dmax > 95%.

CW-3308 effectively inhibited cell growth in the G401 rhabdoid tumor cell line and the HS-SY-II synovial sarcoma cell line and is much more potent than BI-7273 in both cell lines.

CW-3308 50 mg/kg effectively depleted BRD9 in the tumor tissue by >90% at 3 h time point and by 45% at 24 h time point in the HS-SY-II synovial sarcoma xenograft tumor model.

References

Changwei Wang, et al. *J Med Chem.* 2024 Aug 12. doi: 10.1021/acs.jmedchem.4c00971.

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

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