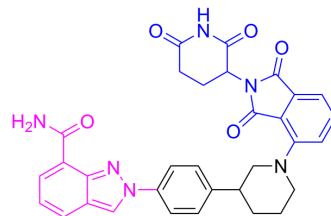


PROTAC PARP1 degrader-1

| | |
|--------------------|---|
| Cat. No.: | HY-158045 |
| Molecular Formula: | C ₃₂ H ₂₈ N ₆ O ₅ |
| Molecular Weight: | 576.6 |
| Target: | PROTACs; PARP |
| Pathway: | PROTAC; Cell Cycle/DNA Damage; Epigenetics |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | PROTAC PARP1 degrader-1 (Compound CN0) is a PROTAC degrader of PARP1. PROTAC PARP1 degrader-1 activates the cGAS/STING immunity pathway and eventually enhances T cell killing of tumor cells. PROTAC PARP1 degrader-1 inhibits DNA damage repair, resulting in highly efficient accumulation of cytosolic DNA fragments (Blue: CRBN ligand, Black: linker; Pink: PARP1 inhibitor) ^[1] . |
| IC ₅₀ & Target | PARP-1 |

REFERENCES

[1]. Lin S, et al. Discovery of CN0 as a novel proteolysis-targeting chimera (PROTAC) degrader of PARP1 that can activate the cGAS/STING immunity pathway combined with daunorubicin. *Bioorg Med Chem*. 2022 Sep 15;70:116912.

Caution: Product has not been fully validated for medical applications. For research use only.

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