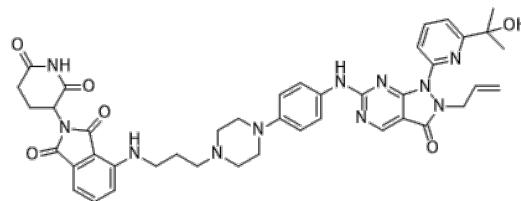


Product Name : ZNL-02-096
Cat. No. : PC-22382
CAS No. : 2414418-49-6
Molecular Formula : C₄₂H₄₅N₁₁O₆
Molecular Weight : 799.89
Target : PROTAC
Solubility : 10 mM in DMSO



CAS: 2414418-49-6

Biological Activity

ZNL-02-096 is a potent, selective CRBN-dependent Wee1 kinase degrader, induces potent and rapid Wee1 degradation, while sparing PLK1.

ZNL-02-096 does not degrade IKZF1 or IKZF3.

ZNL-02-096 (100 nM) yielded CRBN-dependent effects on pCDK1 Y15, while high concentrations (1 μM or above) resulted in the combined effects of inhibition and degradation. ZNL-02-096 induces potent degradation of Wee1 in a CRBN- and proteasome-dependent manner, with maximal degradation achieved at 100 nM.

ZNL-02-096 induces DNA damage, apoptosis, and premature mitosis in MOLT4 cells.

ZNL-02-096 induces anti-proliferative effects and synergizes with Olaparib.

References

Zhengnian Li, et al. Cell Chem Biol. 2020 Jan 16;27(1):57-65.e9.

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

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