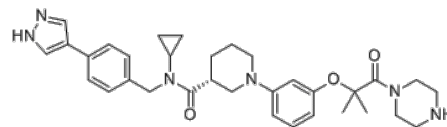


Product Name : ZW4864
Cat. No. : PC-72708
CAS No. : 2632259-92-6
Molecular Formula : C₃₃H₄₂N₆O₃
Molecular Weight : 570.738
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

ZW4864 (ZW-4864) is an orally bioavailable small-molecule that binds with β -catenin and selectively disrupts the PPI between **BCL9 and β -catenin**, while sparing the β -catenin/E-cadherin PPI.

ZW4864 dose-dependently suppresses β -catenin signaling activation, downregulates oncogenic β -catenin target genes, and abrogates invasiveness of β -catenin-dependent cancer cells.

ZW4864 effectively suppresses β -catenin target gene expression in the patient-derived xenograft mouse model.

ZW4864 is a selective chemical probe to explore β -catenin-related biology and a drug-like small-molecule β -catenin/BCL9 disruptor.

References

Zhen Wang, et al. *J Med Chem*. 2021 Aug 26;64(16):12109-12131.

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

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