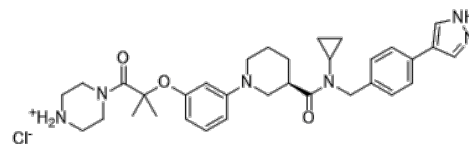


Product Name	: ZW4864 hydrochloride
Cat. No.	: PC-27586
CAS No.	: 2632259-93-7
Molecular Formula	: $C_{33}H_{43}ClN_6O_3$
Molecular Weight	: 607.20
Target	: Beta-catenin
Solubility	: 10 mM in DMSO



Biological Activity

ZW4864 hydrochloride (ZW-4864 hydrochloride) 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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