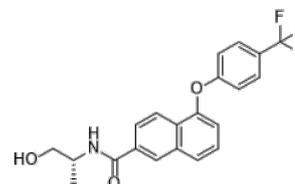


Product Name : VT3989
Cat. No. : PC-26277
CAS No. : 2506273-81-8
Molecular Formula : C₂₁H₁₈F₃NO₃
Molecular Weight : 389.37
Target : YAP-TEAD
Solubility : 10 mM in DMSO



Biological Activity

VT3989 is a first-in-class, orally bioavailable, selective and potent inhibitor of YAP/TEAD inhibitor, inhibits TEAD autopalmitylation and disrupts YAP transcriptional activity.

VT3989 effectively binds to all four TEAD paralogs (TEAD1-TEAD4).

VT3989 strongly blocks palmitoylation of TEAD1 and TEAD3, also inhibits palmitoylation of TEAD2 and TEAD4.

VT3989 potently inhibit the proliferation of NF2-deficient (NCI-H226, GI50=9 nM) and NF2-mutated (NCI-H2052, GI50=9 nM) and NCI-H2373) cell lines but not NF2 wild-type, Merlin-positive cell lines.

VT3989 blocks NCI-H226 NF2-deficient xenograE tumor growth in mice.

References

Yap TA, et al. Nat Med. 2025 Dec;31(12):4281-4290.

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

E-mail: tech@probechem.com