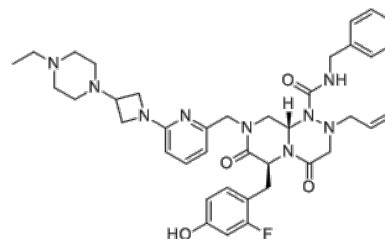


Product Name : E-7386
Cat. No. : PC-35329
CAS No. : 1799824-08-0
Molecular Formula : C₃₉H₄₈FN₉O₄
Molecular Weight : 725.87
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

E-7386 (E7386) is a potent, orally active modulator of **CBP/beta-catenin**, disrupts the interaction and inhibits canonical Wnt signaling pathway /TCF reporter gene activity in LiCl-stimulated HEK-293 and MDA-MB-231 with IC₅₀ of 55 and 73 nM, respectively.

E7386 exhibits anti-tumor activity in vitro tumor proliferation panel against 28 human tumor cell lines.

E7386 modulates the expression of Wnt signaling pathway related genes including AXIN2 and other genes, significantly suppressed the number of polyposis in a dose dependent manner at the dose 8.5-50 mg/kg, also significantly changed the expressions of Wnt related genes in whisker follicle of ApcMin/+mice model.

References

Kazuhiko Yamada, et al. Abstract 5177: E7386 : First-in-class orally active CBP/beta-catenin modulator as an anticancer agent. AACR 2017.

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

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