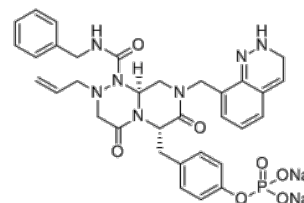


Product Name : CWP-232228
Cat. No. : PC-61809
CAS No. : 1144044-02-9
Molecular Formula : C₃₃H₃₄N₇Na₂O₇P
Molecular Weight : 717.63
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

CWP-232228 is a highly potent small-molecule **Wnt/β-catenin** signaling inhibitor that targets the **β-catenin/Tcf4** interaction in the nucleus.

CWP-232228 preferentially inhibits the growth of breast cancer stem cells (BCSC) as well as bulk tumor cells.

CWP-232228 inhibits β-catenin-mediated transcription and attenuates IGF-I-mediated BCSC functions.

CWP-232228 reduces tumor growth in a murine xenograft model.

References

Jang GB, et al. *Cancer Res.* 2015 Apr 15;75(8):1691-702.

Kim JY, et al. *Oncotarget.* 2016 Apr 12;7(15):20395-409.

Benoit YD, et al. *Cell Chem Biol.* 2017 Jul 20;24(7):833-844.e9.

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

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