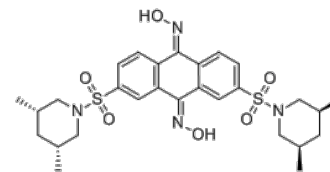


Product Name : Tegatrabetan
Cat. No. : PC-61288
CAS No. : 1227637-23-1
Molecular Formula : C₂₈H₃₆N₄O₆S₂
Molecular Weight : 588.74
Target : Beta-catenin
Solubility : 10 mM in DMSO



Biological Activity

Tegatrabetan (BC-2059, BC2059, Tegavivint) is an orally bioavailable **β-catenin** antagonist that disrupts the binding of β-catenin to TBL1 and promotes β-catenin degradation, attenuates nuclear and cytoplasmic levels of β-catenin. BC-2059 reduces transcriptional activity of TCF4 and expression of its target genes, cyclin D1, c-MYC and survivin. BC-2059 treatment dose-dependently induced apoptosis of cultured and primary AML BPCs. BC-2059 significantly improves the median survival of immune-depleted mice engrafted with either cultured or primary AML BPCs.

References

Fiskus W, et al. *Leukemia*. 2015 Jun;29(6):1267-78.
Savvidou I, et al. *Mol Cancer Ther*. 2017 Sep;16(9):1765-1778.

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

E-mail: tech@probechem.com