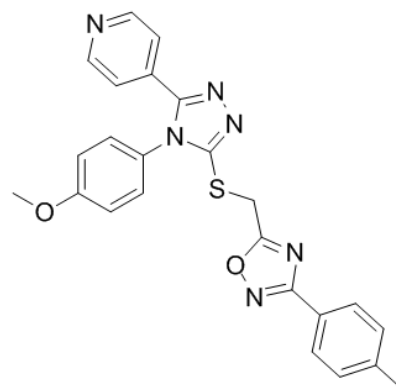


Product Name : JW74
Cat. No. : PC-45698
CAS No. : 863405-60-1
Molecular Formula : C₂₄H₂₀N₆O₂S
Molecular Weight : 456.5196
Target : Wnt
Solubility : 10 mM in DMSO



Biological Activity

JW74 is an efficient and specific inhibitor of the canonical **Wnt signaling** with IC₅₀ of 0.79 μM in ST-Luc assay. JW74 reduces active β-catenin and downregulates Wnt target genes AXIN2, SP5, and NKD1. JW74 inhibits tumor growth in mouse xenograft model.

References

Waalder J, et al. *Cancer Res.* 2011 Jan 1;71(1):197-205.
Stratford EW, et al. *Cancer Med.* 2014 Feb;3(1):36-46.

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

E-mail: tech@probechem.com