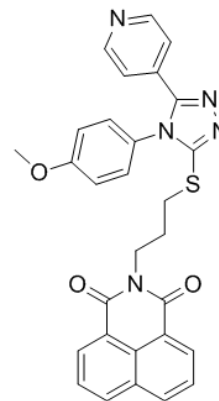


Product Name : WIKI4
Cat. No. : PC-45086
CAS No. : 838818-26-1
Molecular Formula : C₂₉H₂₃N₅O₃S
Molecular Weight : 521.5896
Target : PARP
Solubility : DMSO: 6.8 mg/mL



Biological Activity

WIKI4 is a novel small molecule inhibitor of the **Wnt/β-catenin** pathway by inhibiting the enzymatic activity of **TNKS2**, prevents auto-ADP-ribosylation of TNKS2 with IC₅₀ of 15 nM.

WIKI4 inhibits expression of β-catenin target genes and cellular responses to Wnt/β-catenin signaling in cancer cell lines as well as in human embryonic stem cells.

References

James RG, et al. *PLoS One*. 2012;7(12):e50457.

Haikarainen T, et al. *PLoS One*. 2013 Jun 6;8(6):e65404.

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

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