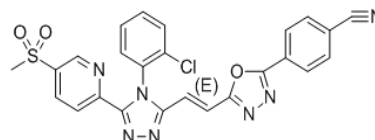


Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :G007-LK
Cat.No. :URK-V1005
CAS No. :1380672-07-0
Molecular Formula :C₂₅H₁₆ClN₇O₃S
Molecular Weight :529.958
Target :PARP
Solubility :



Biological Activity

G007-LK is a potent, specific, metabolically stable TNKS1/2 inhibitor. It effectively reduces Wnt/β-catenin signaling by preventing poly(ADP-ribosyl)ation-dependent AXIN degradation, thereby promoting β-catenin destabilization; effectively blocks ligand-driven Wnt/β-catenin signaling in cell culture and displays approximately 50% inhibition of APC mutation-driven signaling in most CRC cell lines, inhibits the growth of mouse intestinal organoids cultured ex vivo with IC₅₀ of 80 nM; inhibits in vivo tumor growth in a subset of APC-mutant CRC xenograft models.

References

1. Voronkov A, et al. J Med Chem. 2013 Apr 11;56(7):3012-23.
2. Lau T, et al. Cancer Res. 2013 May 15;73(10):3132-44.

Note: All products of Ureiko are only used for scientific research or drug certificate declaration, we do not provide products and services for any personal use!

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

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