

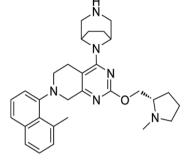
Data Sheet

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Global Supplier of Chemical Probes, Inhibitors & Agonists

 $\begin{tabular}{lll} \textbf{Product Name} & :TH-Z827 \\ \textbf{Cat.No.} & :URK-V2498 \\ \textbf{CAS No.} & :2847881-81-4 \\ \textbf{Molecular Formula} & :C_{30}H_{38}N_6O \\ \textbf{Molecular Weight} & :498.66 \\ \end{tabular}$

Target : Solubility :



Biological Activity

TH-Z827 is a potent and selective inhibitor of the cyclin-dependent kinase 7(CDK7).

TH-Z827 is a potent and selective inhibitor of CDK7, which plays a vital role in transcriptional regulation and cell cycle regulation. TH-Z827 has high potency, selectivity, and enzyme inhibition.

References

- 1. Bartkowiak, B., Yan, C., Greenleaf, A. et al. CDK Subunit Altered Expression Is Revealed in Human Cancer Cell Lines.
- 2. Chao, S. H. Mechanisms of CDK7 inhibitor induced transcriptional repression in osteosarcoma cells.
- 3. Jiang, B., Yan, C., Li, C., et al. Discovery of 3-(2-(pyridin-4-yl)thiazol-4-ylamino)benzoic acid derivatives as potent selective, and orally bioavailable inhibitors of cyclin-dependent kinase 7.
- 4. Zhang, Y., Zhang, T., Wan, Y., et al. A novel orally available inhibitor of cyclin-dependent kinase 7 (CDK7) reveals determinants of inhibitor potency.

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