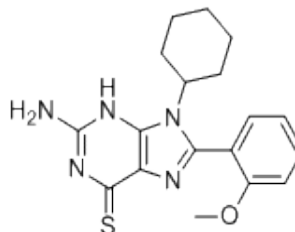


Data Sheet

WWW.UREIKO-CHEM.COM

Global Supplier of Chemical Probes, Inhibitors & Agonists

Product Name :TH8321
Cat.No. :URK-V2339
CAS No. :
Molecular Formula :C₁₈H₂₁N₅OS
Molecular Weight :355.46
Target :
Solubility :



Biological Activity

TH8321 (TH-8321) is a potent, selective NUDT15 inhibitor with IC₅₀ of 35 nM.

TH8321 demonstrated satisfactory selectivity among a panel of related proteins, including NUDT22, NUDT18, NUDT12, NUDT9, NUDT5, NUDT2, MTH1, ITPase, dCTPase, and dUTPase.

TH8321 potently engaged and inhibited cellular NUDT15, TH8321 (5 μM) substantially potentiated the anti-HCMV efficacy of ganciclovir in HCMV infected MRC-5 cells, recapitulating the effect of NUDT15 knockdown.

References

1. Si Min Zhang, et al. Cell Chem Biol. 2021 Dec 16;28(12):1693-1702.e6.

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!

JACK@UREIKO-CHEM.COM