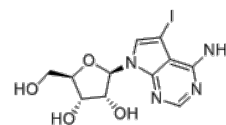


Product Name : 5-Iodotubercidin
Cat. No. : PC-38793
CAS No. : 24386-93-4
Molecular Formula : C₁₁H₁₃IN₄O₄
Molecular Weight : 392.15
Target : Adenosine Kinase (AdK)
Solubility : 10 mM in DMSO



Biological Activity

5-Iodotubercidin (5-ITU) is a potent **adenosine kinase** (AdK) inhibitor with IC₅₀ of 26 nM, also potently inhibits SARS-CoV-2 RNA synthesis.

References

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Ugarkar BG, et al. **J Med Chem.** 2000 Jul 27;43(15):2883-93.
García-Villafranca J, et al. **Biochem Pharmacol.** 2002 Jun 1;63(11):1997-2000.
Zhao J, et al. **Antiviral Res.** 2022 Feb;198:105254.

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

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