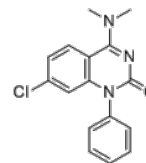


Product Name : MAT2A inhibitor 28
Cat. No. : PC-72337
CAS No. : 2439271-82-4
Molecular Formula : C₁₆H₁₄ClN₃O
Molecular Weight : 299.758
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

MAT2A inhibitor 28 (AZ-28) is a potent and selective inhibitor of methionine adenosyltransferase **MAT2A** with IC₅₀ of 22 nM.

MAT2A inhibitor 28 showed inhibition of PRMT5-mediated symmetric dimethylation of arginine (SDMA) with IC₅₀ of 25 nM, inhibited proliferation of HCT116 MTAP knockout cells with an IC₅₀ of 250 nM.

MAT2A inhibitor 28 is a promising in vivo tool that exhibited reduction in tumor SAM levels and antitumor response in an MTAP knockout HCT116 xenograft model.

References

Claudia De Fusco, et al. *J Med Chem.* 2021 May 27;64(10):6814-6826.

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

E-mail: tech@probechem.com