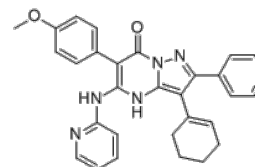


**Product Name** : AG-270  
**Cat. No.** : PC-72638  
**CAS No.** : 2201056-66-6  
**Molecular Formula** : C<sub>30</sub>H<sub>27</sub>N<sub>5</sub>O<sub>2</sub>  
**Molecular Weight** : 489.579  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

AG-270 (AG270) is a highly potent, selective, orally bioavailable methionine adenosyltransferase 2A (**MAT2A**) inhibitor with IC<sub>50</sub> of 14 nM.

AG-270 demonstrated potent reduction in levels of intracellular SAM, as well as MTAP-null-selective antiproliferative activity in the HCT116 MTAP isogenic cell model in vitro (IC<sub>50</sub>=20 nM).

AG-270 (200 mg/kg q.d.) dose-dependently reduced tumor SAM levels and tumor growth in pancreatic KP4 MTAP-null xenograft mouse model.

AG-270 showed excellent microsomal, hepatocyte, and in vivo metabolic stability across species (human, mouse, rat, dog, and monkey).

## References

Kalev P, et al. *Cancer Cell*. 2021 Feb 8;39(2):209-224.e11.

Konteatis Z, et al. *J Med Chem*. 2021 Apr 22;64(8):4430-4449.

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

E-mail: tech@probechem.com