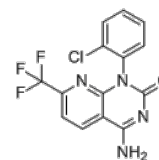


Product Name : IDE397
Cat. No. : PC-21894
CAS No. : 2439277-80-0
Molecular Formula : C₁₄H₈ClF₃N₄O
Molecular Weight : 340.69
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

IDE397 (GSK4362676, GSK-676, IDE397) is a potent, selective small molecule methionine adenosyltransferase 2a (**MAT2A**) inhibitor, displays broad anti-tumor activity across a panel of MTAP-deleted patient-derived xenografts.

IDE397 produces a dose- and time-dependent modulation of the proximal and distal PD biomarkers SAM and symmetrically di-methylates arginine (SDMA) in HCT116 MTAP-deleted CDX model.

HCT116 MTAP-deleted CDX model is more sensitive to IDE397 compared to the HCT116 MTAP-WT model.

IDE397 displays broad anti-tumor activity across a panel of MTAP-deleted patient-derived xenografts. exhibits anti-tumor activity as a single agent in MTAP-deleted CDX models and in MTAP-deleted PDX models of NSCLC, pancreatic, bladder, head and neck, esophageal and gastric cancer.

References

Marcus M. Fischer, et al. **Cancer Res** (2021) 81 (13_Supplement): 1278.

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

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