

Product Datasheet

AGI-41998

Catalog No. **BP-02270** · CAS **2377492-26-5** · Form **free base** · Physical state **solid** · Color **light yellow to yellow** · Version **1.0**
· Revision **2026-09-04**

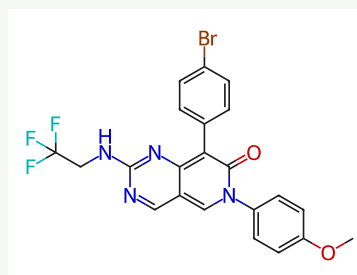
FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target Methionine Adenosyltransferase (MAT)	Research area Neurological Disease; Cancer
---	--

Molecular formula **C₂₂H₁₆BrF₃N₄O₂**

Molecular weight **505.2870**

STRUCTURE



DESCRIPTION

AGI-41998 is a potent inhibitor of methionine adenosyltransferase 2A (MAT2A). AGI-41998 is a brain-penetrant compound. AGI-41998 has the potential for exploring the effects of SAM modulation in the central nervous system (CNS) and research of cancer disease.

BIOLOGICAL ACTIVITY

AGI-41998 is a potent inhibitor of methionine adenosyltransferase 2A (MAT2A). AGI-41998 is a brain-penetrant compound. AGI-41998 has the potential for exploring the effects of SAM modulation in the central nervous system (CNS) and research of cancer disease.

SOLUBILITY

Soluble in DMSO

In vitro DMSO 83.33 mg/mL

REFERENCES

[1]. Li M, et al. Leveraging Structure-Based Drug Design to Identify Next-Generation MAT2A Inhibitors, Including Brain-Penetrant and Peripherally Efficacious Leads. J Med Chem. 2022;65(6):4600-4615.