

## AGI-41998 tautomers

## Chemical Properties

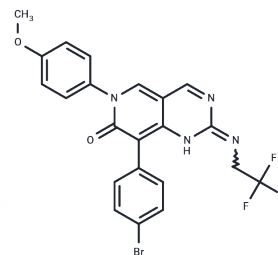
CAS No. :

Formula: C<sub>22</sub>H<sub>16</sub>BrF<sub>3</sub>N<sub>4</sub>O<sub>2</sub>

Molecular Weight: 505.29

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	AGI-41998 tautomers is a tautomerism of pyrido[4,3-d]pyrimidin-7(6H)-one, 8-(4-bromophenyl)-6-(4-methoxyphenyl)-2-[(2,2,2-trifluoroethyl)amino]-. pyrido[4,3-d]pyrimidin-7(6H)-one, 8-(4-bromophenyl)-6-(4-methoxyphenyl)-2-[(2,2,2-trifluoroethyl)amino]- is a S-adenosylmethionine synthase isoform type-2 inhibitor, IC <sub>50</sub> = 0.022μM.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (108.85 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9791 mL	9.8953 mL	19.7906 mL
5 mM	0.3958 mL	1.9791 mL	3.9581 mL
10 mM	0.1979 mL	0.9895 mL	1.9791 mL
50 mM	0.0396 mL	0.1979 mL	0.3958 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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 Mar 24;65(6):4600-4615.

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