

MAT2A-IN-21

Chemical Properties

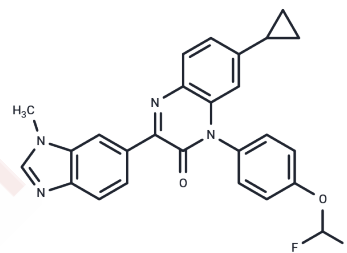
CAS No. : 3062073-94-0

Formula: C₂₆H₂₀F₂N₄O₂

Molecular Weight: 458.459

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	MAT2A-IN-21 (compound 28) is a potent inhibitor of methionine adenosyltransferase 2A (MAT2A), with an IC ₅₀ of 49 nM. It selectively inhibits cancer cells with MTAP deficiency.
Targets(IC ₅₀)	Methionine Adenosyltransferase (MAT)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1812 mL	10.9061 mL	21.8122 mL
5 mM	0.4362 mL	2.1812 mL	4.3624 mL
10 mM	0.2181 mL	1.0906 mL	2.1812 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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