

MAT2A-IN-11

Chemical Properties

CAS No. :

Formula: C₂₁H₂₂N₆O

Molecular Weight: 374.44

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 Allosteric Inhibitor 1, also known as Compound 5, is a selective inhibitor of methionine adenosyltransferase (MAT) demonstrating potent activity with an IC ₅₀ value of 6.8 nM [1].
Targets(IC ₅₀)	Methionine Adenosyltransferase (MAT)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6707 mL	13.3533 mL	26.7065 mL
5 mM	0.5341 mL	2.6707 mL	5.3413 mL
10 mM	0.2671 mL	1.3353 mL	2.6707 mL
50 mM	0.0534 mL	0.2671 mL	0.5341 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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