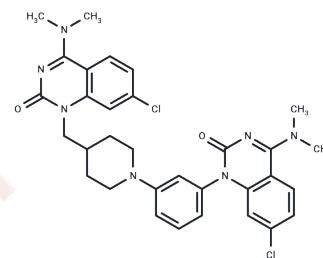


MAT2A-IN-24

Chemical Properties

CAS No. :	3031093-57-6
Formula:	C ₃₂ H ₃₃ Cl ₂ N ₇ O ₂
Molecular Weight:	618.556
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-24 (Compound 9) is an inhibitor of methionine adenosyltransferase 2a (MAT2a), with an IC ₅₀ value of 20 nM for MAT2a inhibition and an antiproliferative IC ₅₀ value of 10 nM for HAP1MTAP ^{-/-} cells. MAT2A-IN-24 is applicable in the research of tumor diseases associated with MTAP deficiency.
Targets(IC ₅₀)	Methionine Adenosyltransferase (MAT)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6167 mL	8.0833 mL	16.1666 mL
5 mM	0.3233 mL	1.6167 mL	3.2333 mL
10 mM	0.1617 mL	0.8083 mL	1.6167 mL
50 mM	0.0323 mL	0.1617 mL	0.3233 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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