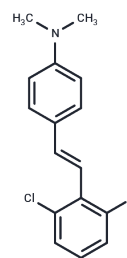


MAT2A inhibitor 4

Chemical Properties

CAS No. :	1391934-91-0
Formula:	C ₁₆ H ₁₅ ClFN
Molecular Weight:	275.75
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 inhibitor 4 is an inhibitor of the catalytic subunit of methionine S-adenosyltransferase-2, which is used in cancer research.
Targets(IC50)	Methionine Adenosyltransferase (MAT)

Solubility Information

Solubility	DMSO: 55 mg/mL (199.46 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (7.25 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6265 mL	18.1324 mL	36.2647 mL
5 mM	0.7253 mL	3.6265 mL	7.2529 mL
10 mM	0.3626 mL	1.8132 mL	3.6265 mL
50 mM	0.0725 mL	0.3626 mL	0.7253 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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