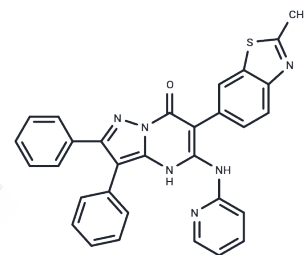


MAT2A inhibitor 1

Chemical Properties

CAS No. :	2201057-10-3
Formula:	C ₃₁ H ₂₂ N ₆ O ₅
Molecular Weight:	526.61
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 1 is an inhibitor of methionine adenosyltransferase 2A (MATA2) (IC ₅₀ < 100 nM).
Targets(IC ₅₀)	Others, Methionine Adenosyltransferase (MAT)
In vitro	MAT2A inhibitor 1 is a safe and potent compound that prevents and manages cancers while reducing or avoiding the toxicities and/or side effects associated with conventional therapies.

Solubility Information

Solubility	DMSO: 5 mg/mL (9.49 mM), Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8989 mL	9.4947 mL	18.9894 mL
5 mM	0.3798 mL	1.8989 mL	3.7979 mL
10 mM	0.1899 mL	0.9495 mL	1.8989 mL
50 mM	0.038 mL	0.1899 mL	0.3798 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

Zenon D, et al. Inhibitors of cellular metabolic processes. 08 March 2018. WO2018045071A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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