

MAT2A-IN-9

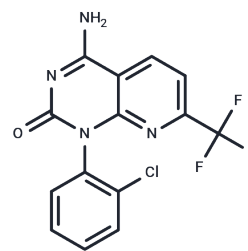
Chemical Properties

CAS No. : 2439277-80-0

Formula: C₁₄H₈ClF₃N₄O

Molecular Weight: 340.69

Storage: Keep away from direct sunlight
 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-9, a 2-oxoquinazoline derivative, is a potent MAT2A (methionine adenylyltransferase 2A) inhibitor. MAT2A-IN-9 has antitumor activity for the treatment of lymphomas and solid tumors.
Targets(IC50)	Methionine Adenosyltransferase (MAT)

Solubility Information

Solubility DMSO: 50 mg/mL (146.76 mM), Sonication is recommended.
 (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9352 mL	14.6761 mL	29.3522 mL
5 mM	0.587 mL	2.9352 mL	5.8704 mL
10 mM	0.2935 mL	1.4676 mL	2.9352 mL
50 mM	0.0587 mL	0.2935 mL	0.587 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

Muzaffar Alam, et al. 2-oxoquinazoline derivatives as methionine adenosyltransferase 2a inhibitors.
 WO2020123395A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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