

RMC-4529

Chemical Properties

CAS No. : 2250059-27-7
Formula: C₉₀H₁₃₉N₁₃O₂₃
Molecular Weight: 1771.17
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	RMC-4529 is a chemical compound that demonstrates potent inhibition, with an IC ₅₀ value of 1.0 nM, against p-4E-BP1-(T37/46) in mTOR kinase cellular assays.
Targets(IC ₅₀)	Others,mTOR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5646 mL	2.823 mL	5.646 mL
5 mM	0.1129 mL	0.5646 mL	1.1292 mL
10 mM	0.0565 mL	0.2823 mL	0.5646 mL
50 mM	0.0113 mL	0.0565 mL	0.1129 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

Semko C, et al. Rapamycin analogs as mtor inhibitors. WO2018204416A1.

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