

RM-5038

Chemical Properties

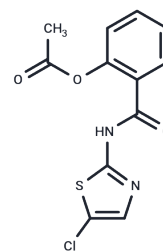
CAS No. : 1349090-91-0

Formula: C₁₂H₉ClN₂O₃S

Molecular Weight: 296.73

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

RM-5038 is a halogenated thiazole compound with multiple pharmacological properties, capable of combating a broad range of parasites, bacteria, and viruses through at least three mechanisms of action. Specifically, in respiratory viruses, RM-5038 can inhibit the replication of Paramyxoviridae and Pneumoviridae at the post-translational level.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3701 mL	16.8503 mL	33.7007 mL
5 mM	0.674 mL	3.3701 mL	6.7401 mL
10 mM	0.337 mL	1.685 mL	3.3701 mL
50 mM	0.0674 mL	0.337 mL	0.674 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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