

Z21090

Chemical Properties

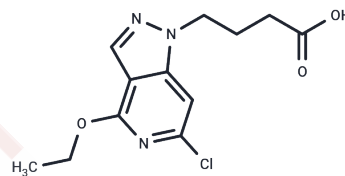
CAS No. : 2992690-71-6

Formula: C₁₂H₁₄ClN₃O₃

Molecular Weight: 283.71

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	Z21090 (ZL40) is a highly effective inhibitor of PDE 4, exhibiting an IC ₅₀ value of 37.4 nM, and possesses oral bioavailability. It is significant in the study of alcohol-related diseases [1].
Targets(IC ₅₀)	PDE

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5247 mL	17.6236 mL	35.2473 mL
5 mM	0.7049 mL	3.5247 mL	7.0495 mL
10 mM	0.3525 mL	1.7624 mL	3.5247 mL
50 mM	0.0705 mL	0.3525 mL	0.7049 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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