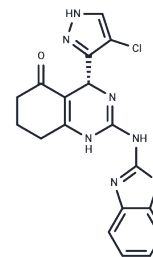


NCGC00238624

Chemical Properties

CAS No. : 2768230-55-1
 Formula: C₁₈H₁₅ClN₆O₂
 Molecular Weight: 382.804
 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	NCGC00238624 is a selective inhibitor of galactokinase (GALK1), exhibiting IC ₅₀ values of 7.69 μM for human recombinant GALK1 and 13.67 μM for mouse recombinant GALK1. At a concentration of 10 μM, NCGC00238624 shows no activity against GALK2 or other kinases. This compound can be used for research on classic galactosemia.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6123 mL	13.0617 mL	26.1233 mL
5 mM	0.5225 mL	2.6123 mL	5.2247 mL
10 mM	0.2612 mL	1.3062 mL	2.6123 mL
50 mM	0.0522 mL	0.2612 mL	0.5225 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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