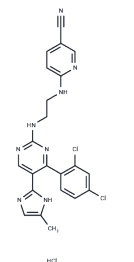


Laduviglusib dihydrochloride

Chemical Properties

CAS No. :	2109414-84-6
Formula:	C ₂₂ H ₂₀ Cl ₄ N ₈
Molecular Weight:	538.26
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	Laduviglusib [CHIR 99021; CHIR99021; CHIR-99021; CT99021; CT 99021; CT-99021] is a potent, selective small-molecule inhibitor of glycogen synthase kinase 3 (GSK-3) with the formula C ₂₂ H ₁₈ Cl ₄ N ₅ O. It is used extensively in biomedical research to explore the role of GSK-3 in various cellular processes and diseases.
Targets(IC50)	GSK-3,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8578 mL	9.2892 mL	18.5784 mL
5 mM	0.3716 mL	1.8578 mL	3.7157 mL
10 mM	0.1858 mL	0.9289 mL	1.8578 mL
50 mM	0.0372 mL	0.1858 mL	0.3716 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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