

DC-Srci-6649

Chemical Properties

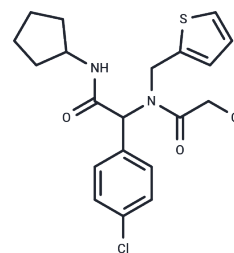
CAS No. : 1037545-61-1

Formula: C₂₀H₂₂Cl₂N₂O₂S

Molecular Weight: 425.37

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	DC-Srci-6649 is a potent and selective inhibitor of c-Src kinase, effectively blocking its phosphorylation and stabilizing it in an inactive conformation.
Targets(IC50)	Others,Src

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3509 mL	11.7545 mL	23.5089 mL
5 mM	0.4702 mL	2.3509 mL	4.7018 mL
10 mM	0.2351 mL	1.1754 mL	2.3509 mL
50 mM	0.047 mL	0.2351 mL	0.4702 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

Zhang H, et al. Dynamics of Post-Translational Modification Inspires Drug Design in the Kinase Family. J Med Chem. 2021 Oct 28;64(20):15111-15125.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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