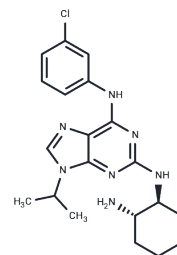


SRI-29329

Chemical Properties

CAS No. :	2086809-58-5
Formula:	C ₂₀ H ₂₆ ClN ₇
Molecular Weight:	399.92
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	SRI-29329 is a potent, specific inhibitor of CDC-like kinase (with IC ₅₀ of 78 nM, 16 nM and 86 nM for CLK1, CLK2 and CLK4, respectively).
Targets(IC ₅₀)	CDK

Solubility Information

Solubility	DMSO: 32.5 mg/mL (81.27 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (5 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5005 mL	12.5025 mL	25.005 mL
5 mM	0.5001 mL	2.5005 mL	5.001 mL
10 mM	0.2501 mL	1.2503 mL	2.5005 mL
50 mM	0.050 mL	0.2501 mL	0.5001 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

Yihui Shi, et al. A triple exon-skipping luciferase reporter assay identifies a new CLK inhibitor pharmacophore. Bioorg Med Chem Lett. 2017 Feb 1;27(3):406-412.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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