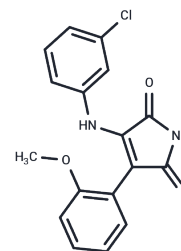


SLK/STK10-IN-1

Chemical Properties

CAS No. :	264210-49-3
Formula:	C17H13ClN2O3
Molecular Weight:	328.75
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	SLK/STK10-IN-1 is a selective and potent inhibitor of SLK and STK10 with potential antitumor activity.
Targets(IC50)	Others,CDK,GSK-3,Serine Protease,Serine/threonin kinase

Solubility Information

Solubility	DMSO: 80 mg/mL (243.35 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: 3.3 mg/mL (10.04 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	3.0418 mL	15.2091 mL	30.4183 mL
5 mM	0.6084 mL	3.0418 mL	6.0837 mL
10 mM	0.3042 mL	1.5209 mL	3.0418 mL
50 mM	0.0608 mL	0.3042 mL	0.6084 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

Serafim RAM, et al. Discovery of a Potent Dual SLK/STK10 Inhibitor Based on a Maleimide Scaffold. J Med Chem. 2021 Sep 23;64(18):13259-13278.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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