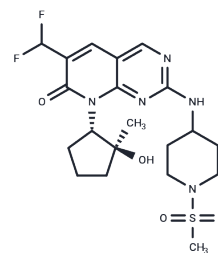


(S)-PF-06873600

Chemical Properties

CAS No. : 2185859-59-8
 Formula: C₂₀H₂₇F₂N₅O₄S
 Molecular Weight: 471.52
 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	(S)-PF-06873600 is the S enantiomer of PF-06873600 which is an inhibitor of CDK.
Targets(IC50)	Others,CDK

Solubility Information

Solubility	DMSO: 270 mg/mL (572.62 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: 5 mg/mL (10.6 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	2.1208 mL	10.604 mL	21.208 mL
5 mM	0.4242 mL	2.1208 mL	4.2416 mL
10 mM	0.2121 mL	1.0604 mL	2.1208 mL
50 mM	0.0424 mL	0.2121 mL	0.4242 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

Jiaquan WU, et al. Deuterated pyridopyrimidinones and their use as highly selective cyclin-dependent kinase 2 inhibitors. WO2021249258A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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