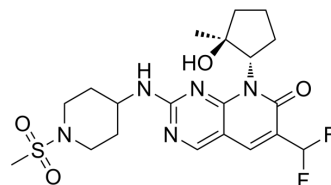


(S)-Ebvaciclib

Cat. No.:	HY-114177A		
CAS No.:	2185859-59-8		
Molecular Formula:	C ₂₀ H ₂₇ F ₂ N ₅ O ₄ S		
Molecular Weight:	471.52		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 300 mg/mL (636.24 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1208 mL	10.6040 mL	21.2080 mL
	5 mM	0.4242 mL	2.1208 mL	4.2416 mL
	10 mM	0.2121 mL	1.0604 mL	2.1208 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 7.5 mg/mL (15.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 7.5 mg/mL (15.91 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 7.5 mg/mL (15.91 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(S)-PF-06873600 is the S enantiomer of PF-06873600. PF-06873600 is a selective and orally bioavailable inhibitor of cyclin-dependent kinase (CDK).

Caution: Product has not been fully validated for medical applications. For research use only.

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