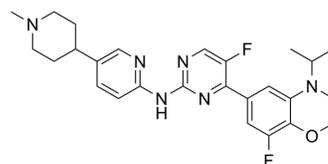


## Inixaciclib

Cat. No.:	HY-45661		
CAS No.:	2370913-42-9		
Molecular Formula:	C <sub>26</sub> H <sub>30</sub> F <sub>2</sub> N <sub>6</sub> O		
Molecular Weight:	480.55		
Target:	CDK		
Pathway:	Cell Cycle/DNA Damage		
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 : 11.9 mg/mL (24.76 mM; ultrasonic and warming and adjust pH to 3 with HCL and heat to 60°C)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.0809 mL	10.4047 mL	20.8095 mL
		5 mM	0.4162 mL	2.0809 mL	4.1619 mL
10 mM		0.2081 mL	1.0405 mL	2.0809 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (2.60 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Inixaciclib is a potent CDK inhibitor, can be used to research anticancer.
IC <sub>50</sub> & Target	CDK <sup>[1]</sup>

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

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