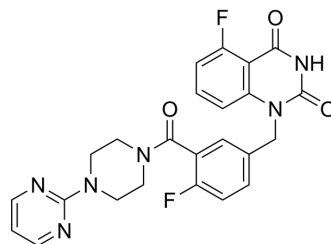


Senaparib

Cat. No.:	HY-137450		
CAS No.:	1401682-78-7		
Molecular Formula:	C ₂₄ H ₂₀ F ₂ N ₆ O ₃		
Molecular Weight:	478.45		
Target:	PARP		
Pathway:	Cell Cycle/DNA Damage; Epigenetics		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 83.33 mg/mL (174.17 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.0901 mL	10.4504 mL	20.9008 mL
	5 mM	0.4180 mL	2.0901 mL	4.1802 mL
	10 mM	0.2090 mL	1.0450 mL	2.0901 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: 2.08 mg/mL (4.35 mM); Suspended solution; Need ultrasonic Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (4.35 mM); Clear solution 			

BIOLOGICAL ACTIVITY

Description	Senaparib (IMP4297) is a highly potent, selective and orally active PARP1/2 inhibitor. Senaparib (IMP4297) exhibits strong antitumor activity in animal models ^[1] .
In Vitro	Senaparib (IMP4297) is under the study for advanced PCa, breast cancer and pancreatic cancer ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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