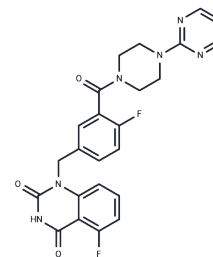


Senaparib

Chemical Properties

CAS No. :	1401682-78-7
Formula:	C ₂₄ H ₂₀ F ₂ N ₆ O ₃
Molecular Weight:	478.45
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	Senaparib (IMP4297) is a novel highly potent and selective oral PARP1/2 inhibitor with strong antitumor activity.
Targets(IC50)	PARP

Solubility Information

Solubility	DMSO: 75 mg/mL (156.76 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (6.9 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	2.0901 mL	10.4504 mL	20.9008 mL
5 mM	0.418 mL	2.0901 mL	4.1802 mL
10 mM	0.209 mL	1.045 mL	2.0901 mL
50 mM	0.0418 mL	0.209 mL	0.418 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

P. de Souza, et al. 574P Updated results of phase I study of senaparib (IMP4297) in Australian patients with advanced solid tumours. ABSTRACT ONLY| VOLUME 31, SUPPLEMENT 4, S490, SEPTEMBER 01, 2020.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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