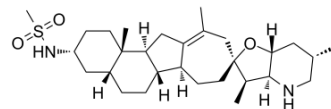


## Saridegib

Cat. No.:	HY-16587		
CAS No.:	1037210-93-7		
Molecular Formula:	C <sub>29</sub> H <sub>48</sub> N <sub>2</sub> O <sub>3</sub> S		
Molecular Weight:	504.77		
Target:	Smo		
Pathway:	Stem Cell/Wnt		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

<b>Description</b>	Saridegib is a potent and specific inhibitor of Smoothened (Smo), a key signaling transmembrane protein in the Hedgehog (Hh) pathway.
<b>IC<sub>50</sub> &amp; Target</b>	Smo <sup>[1]</sup> .
<b>In Vivo</b>	Evidence from a genetically engineered mouse model of pancreatic cancer demonstrates that Saridegib (IPI-926) can deplete tumor-associated stromal tissue and increase intratumoral mean vessel density. These changes result in enhanced delivery of concurrently administered systemic agents, leading to a decreased tumor burden and prolonged survival in this mouse model <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ko AH, et al. A Phase I Study of FOLFIRINOX Plus IPI-926, a Hedgehog Pathway Inhibitor, for Advanced Pancreatic Adenocarcinoma. *Pancreas*. 2016 Mar;45(3):370-5.

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

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