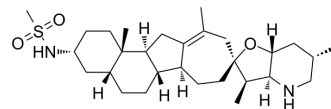


Saridegib

Cat. No.:	HY-16587		
CAS No.:	1037210-93-7		
Molecular Formula:	C ₂₉ H ₄₈ N ₂ O ₃ 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

Description	Saridegib is a potent and specific inhibitor of Smoothened (Smo), a key signaling transmembrane protein in the Hedgehog (Hh) pathway.
IC ₅₀ & Target	Smo ^[1] .
In Vivo	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 ^[1] . 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA