

Product Data Sheet

Product Name: Saridegib (IPI-926)

Cat. No.: GC32978

Chemical Properties

Cas. No. 1037210-93-7

SMILES CC1=C(C[C@@]2([H])[C@@]3([H])CC[C@@]4([H])[C@]2(C)CC[C@@H](NS(C)(=O)=O)C4)[C@@]3([H])CC[C@@]([C@@H]5C)(C1)O[C@@]6([H])[C@@]5([H])NC[C@@H](C)C6

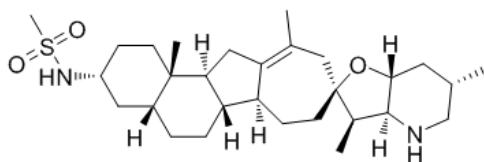
Formula C₂₉H₄₈N₂O₃S M.Wt 504.77

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Saridegib is a potent and specific inhibitor of Smoothened (Smo), a key signaling transmembrane protein in the Hedgehog (Hh) pathway.

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

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

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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].

[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.

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