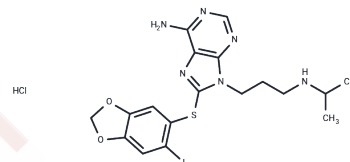


Zelavespib HCl

Chemical Properties

CAS No. :	2095432-24-7
Formula:	C ₁₈ H ₂₂ ClIN ₆ O ₂ S
Molecular Weight:	548.83
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	Zelavespib HCl is a novel Hsp90 inhibitor, a novel purine-based analog, and a radiosensitizer that may be a promising agent for CIRT. Zelavespib HCl shows antitumor activity in many preclinical models of malignancy. Zelavespib HCl has an inhibitory effect on the protein expression levels of Rad51 and Ku70, which may be associated with the double chain break repair in the homologous recombination pathway and non-homologous end-joining pathway.
Targets(IC50)	HSP,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 45 mg/mL (81.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8221 mL	9.1103 mL	18.2206 mL
5 mM	0.3644 mL	1.8221 mL	3.6441 mL
10 mM	0.1822 mL	0.911 mL	1.8221 mL
50 mM	0.0364 mL	0.1822 mL	0.3644 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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