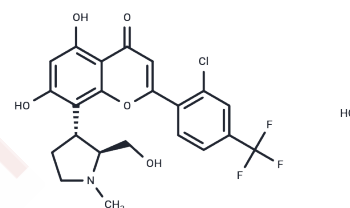


(2S,3R)-Voruciclib hydrochloride

Chemical Properties

CAS No. :	1253647-46-9
Formula:	C ₂₂ H ₂₀ Cl ₂ F ₃ N ₅ O
Molecular Weight:	506.3
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	(2S,3R)-Voruciclib hydrochloride is the (2S,3R)-enantiomer of Voruciclib. It is an orally active CDK inhibitor.
Targets(IC50)	Others
In vitro	(2S,3R)-Voruciclib (Compound B, formula I) is used in combination with a compound capable of inhibiting EGFR kinase activity and Gemcitabine to treat pancreatic cancer.

Solubility Information

Solubility	DMSO: 250 mg/mL (493.78 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	1.9751 mL	9.8756 mL	19.7511 mL
5 mM	0.395 mL	1.9751 mL	3.9502 mL
10 mM	0.1975 mL	0.9876 mL	1.9751 mL
50 mM	0.0395 mL	0.1975 mL	0.395 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

Veena Agarwal, et al. A synergistic pharmaceutical combination for the treatment of pancreatic cancer. WO2012123889A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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