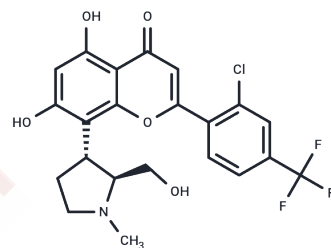


(2S,3R)-Voruciclib

Chemical Properties

CAS No. :	1253731-24-6
Formula:	C ₂₂ H ₁₉ ClF ₃ NO ₅
Molecular Weight:	469.84
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, the (2S,3R)-enantiomer of Voruciclib, is an orally active CDK inhibitor.
Targets(IC50)	CDK
In vitro	The combination therapy of Gemcitabine, an EGFR kinase inhibitor, and (2S,3R)-Voruciclib (Compound B, formula I) is utilized for the treatment of pancreatic cancer.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1284 mL	10.6419 mL	21.2838 mL
5 mM	0.4257 mL	2.1284 mL	4.2568 mL
10 mM	0.2128 mL	1.0642 mL	2.1284 mL
50 mM	0.0426 mL	0.2128 mL	0.4257 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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