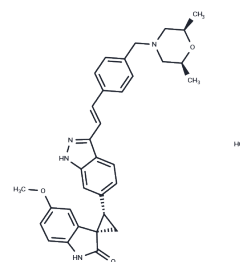


Ocifisertib hydrochloride

Chemical Properties

CAS No. :	1338799-83-9
Formula:	C ₃₃ H ₃₅ ClN ₄ O ₃
Molecular Weight:	571.11
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	Ocifisertib hydrochloride (CFI-400945 hydrochloride) is the hydrochloride salt form of Ocifisertib. It is an orally bioavailable PLK4 inhibitor with a K_i of 0.26 nM and an IC_{50} of 2.8 nM. This compound inhibits the growth of multiple cancer cell types, causes cell cycle arrest at the G ₂ /M phase, and induces apoptosis. In mouse models, Ocifisertib hydrochloride exhibits antitumor activity.
Targets(IC_{50})	Apoptosis, PLK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.751 mL	8.7549 mL	17.5098 mL
5 mM	0.3502 mL	1.751 mL	3.502 mL
10 mM	0.1751 mL	0.8755 mL	1.751 mL
50 mM	0.035 mL	0.1751 mL	0.3502 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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