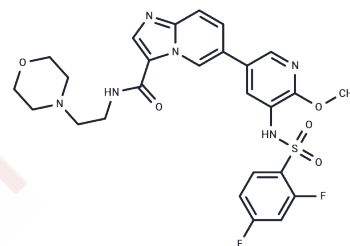


DFX117

Chemical Properties

CAS No. : 2125500-60-7
 Formula: C₂₆H₂₆F₂N₆O₅
 Molecular Weight: 572.58
 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	DFX117 is an orally effective selective inhibitor of PI3K α and c-Met tyrosine kinase (c-Met). This compound inhibits the PI3K/Akt/mTOR pathway and suppresses the proliferation of NCI-H1975, NCI-H1993, and HCC827 cells, with IC ₅₀ values ranging from 0.02 to 0.08 μ M. Additionally, DFX117 induces cell cycle arrest in the G ₀ /G ₁ phase and triggers apoptosis (apoptosis) in A549 and NCI-H1975 cells. It also exhibits antitumor activity in mice.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7465 mL	8.7324 mL	17.4648 mL
5 mM	0.3493 mL	1.7465 mL	3.493 mL
10 mM	0.1746 mL	0.8732 mL	1.7465 mL
50 mM	0.0349 mL	0.1746 mL	0.3493 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481