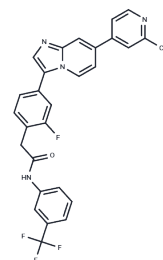


LY2457546

Chemical Properties

CAS No. : 908265-94-1
 Formula: C₂₈H₂₀F₄N₄O
 Molecular Weight: 504.48
 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	LY2457546 is a highly potent, orally bioavailable multi-target anti-angiogenic tyrosine kinase inhibitor. It shows strong inhibitory activity against multiple targets including VEGFR2, PDGFR β , FLT-3, Tie-2, and Eph family receptors, and is applied in cancer research such as leukemia.
Targets(IC50)	Tyrosinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9822 mL	9.9112 mL	19.8224 mL
5 mM	0.3964 mL	1.9822 mL	3.9645 mL
10 mM	0.1982 mL	0.9911 mL	1.9822 mL
50 mM	0.0396 mL	0.1982 mL	0.3964 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

Burkholder TP, et al. Discovery of LY2457546: a multi-targeted anti-angiogenic kinase inhibitor with a novel spectrum of activity and exquisite potency in the acute myelogenous leukemia-Flt-3-internal tandem duplication mutant human tumor xenograft model. Invest New Drugs. 2012 Jun;30(3):936-49.

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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