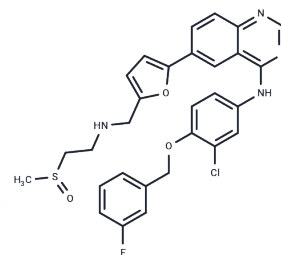


Selatinib

Chemical Properties

CAS No. :	1275595-86-2
Formula:	C ₂₉ H ₂₆ ClFN ₄ O ₃ S
Molecular Weight:	565.06
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Selatinib is an orally active and potent dual inhibitor of EGFR and ErbB2 with anticancer activity that inhibits the growth of NCI-N87 tumor cells.
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 33 mg/mL (58.4 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	1.7697 mL	8.8486 mL	17.6972 mL
5 mM	0.3539 mL	1.7697 mL	3.5394 mL
10 mM	0.177 mL	0.8849 mL	1.7697 mL
50 mM	0.0354 mL	0.177 mL	0.3539 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

Meng-Na Wang, et al. First-in-human, phase I single-ascending-dose study of the safety, pharmacokinetics, and relative bioavailability of selatinib, a dual EGFR-ErbB2 inhibitor in healthy subjects. Invest New Drugs. 2020 Dec;38 (6):1826-1835.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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