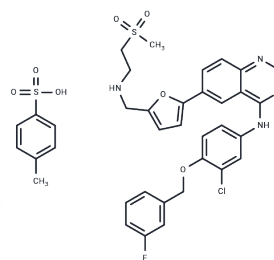


Lapatinib tosylate

Chemical Properties

CAS No. : 1187538-35-7
 Formula: C₃₆H₃₄ClFN₄O₇S₂
 Molecular Weight: 753.26
 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	Lapatinib tosylate (GW572016), a robust and orally administered inhibitor specifically targeting the tyrosine kinase domains of ErbB-2 and EGFR, exhibits inhibitory concentration 50 (IC ₅₀) values of 10.2 nM and 9.8 nM against purified EGFR and ErbB-2, respectively.
Targets(IC ₅₀)	EGFR,Others,Ferroptosis,Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3276 mL	6.6378 mL	13.2756 mL
5 mM	0.2655 mL	1.3276 mL	2.6551 mL
10 mM	0.1328 mL	0.6638 mL	1.3276 mL
50 mM	0.0266 mL	0.1328 mL	0.2655 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

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