

Theliatinib tartrate

Chemical Properties

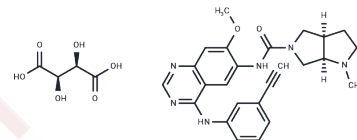
CAS No. : 2413487-72-4

Formula: C₂₉H₃₂N₆O₈

Molecular Weight: 592.6

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	Theliatinib (Xilertinib) tartrate is a potent and highly selective EGFR inhibitor with ATP-competitive and orally active properties, showing a K_i of 0.05 nM and an IC_{50} of 3 nM for EGFR, and an IC_{50} of 22 nM for the EGFR T790M/L858R mutant, with over 50-fold selectivity for EGFR compared to other kinases.
Targets(IC_{50})	EGFR,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6875 mL	8.4374 mL	16.8748 mL
5 mM	0.3375 mL	1.6875 mL	3.375 mL
10 mM	0.1687 mL	0.8437 mL	1.6875 mL
50 mM	0.0337 mL	0.1687 mL	0.3375 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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