

CP-654577

Chemical Properties

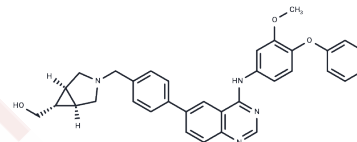
CAS No. : 639087-64-2

Formula: C34H32N4O3

Molecular Weight: 544.64

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	CP-654577 is a selective p185(ErbB2) kinase inhibitor that reduces the level of the activated form of mitogen-activated protein kinase in SKBR3 human breast cancer cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8361 mL	9.1804 mL	18.3608 mL
5 mM	0.3672 mL	1.8361 mL	3.6722 mL
10 mM	0.1836 mL	0.918 mL	1.8361 mL
50 mM	0.0367 mL	0.1836 mL	0.3672 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

Barbacci EG, Pustilnik LR, Rossi AM, Emerson E, Miller PE, Boscoe BP, Cox ED, Iwata KK, Jani JP, Provoncha K, Kath JC, Liu Z, Moyer JD. The biological and biochemical effects of CP-654577, a selective erbB2 kinase inhibitor, on human breast cancer cells. Cancer Res. 2003 Aug 1;63(15):4450-9. PubMed PMID: 12907618.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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