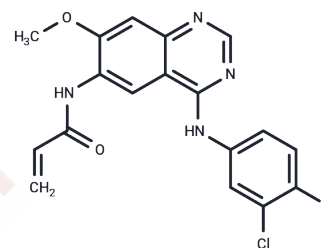


PF-6274484

Chemical Properties

CAS No. : 1035638-91-5
 Formula: C₁₈H₁₄ClFN₄O₂
 Molecular Weight: 372.78
 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 | PF-6274484, a high affinity, irreversible covalent inhibitor of EGFR kinase with K_i of 0.14 nM, inhibits the autophosphorylation of wild-type EGFR in A549 cells and EGFR L858R/T790M in H1975 cells with IC_{50} of 5.8 nM and 6.6 nM, respectively. |
| Targets(IC_{50}) | EGFR |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 65 mg/mL (174.37 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6825 mL | 13.4127 mL | 26.8255 mL |
| 5 mM | 0.5365 mL | 2.6825 mL | 5.3651 mL |
| 10 mM | 0.2683 mL | 1.3413 mL | 2.6825 mL |
| 50 mM | 0.0537 mL | 0.2683 mL | 0.5365 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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