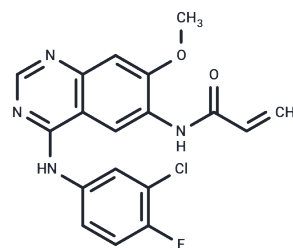


PF-6274484

Chemical Properties

CAS No. : 1035638-91-5
Formula: C₁₈H₁₄ClFN₄O₂
Molecular Weight: 372.78
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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 (174.36 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481