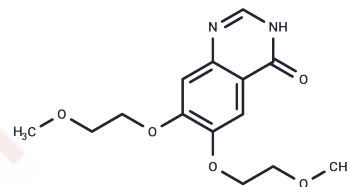


CP-380736

Chemical Properties

CAS No. : 179688-29-0
 Formula: C₁₄H₁₈N₂O₅
 Molecular Weight: 294.3
 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-380736 (PF-00520893) is an epidermal growth factor receptor (EGFR) inhibitor. EGFR is a tyrosine kinase that activates MAPK, JNK, and Akt pathways, and is an important mediator of several types of cancer.
Targets(IC50)	EGFR

Solubility Information

Solubility	DMSO: 60 mg/mL (203.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3979 mL	16.9895 mL	33.9789 mL
5 mM	0.6796 mL	3.3979 mL	6.7958 mL
10 mM	0.3398 mL	1.6989 mL	3.3979 mL
50 mM	0.068 mL	0.3398 mL	0.6796 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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