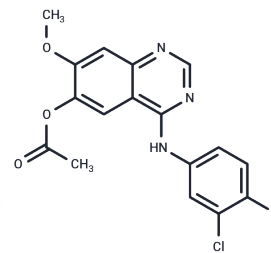


Gefitinib analog III

Chemical Properties

CAS No. :	788136-89-0
Formula:	C ₁₇ H ₁₃ ClFN ₃ O ₃
Molecular Weight:	361.76
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	Gefitinib analog III(4-((3-Chloro-4-fluorophenyl)amino)-7-methoxyquinazolin-6-yl acetate) has potential anti-inflammatory and anti-tumor activity and can be used to study its interactions and activity in organisms.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 3.62 mg/mL (10.01 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	2.7643 mL	13.8213 mL	27.6426 mL
5 mM	0.5529 mL	2.7643 mL	5.5285 mL
10 mM	0.2764 mL	1.3821 mL	2.7643 mL
50 mM	0.0553 mL	0.2764 mL	0.5529 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

Michael Berlin, et al. EGFR proteolysis targeting chimeric molecules and associated methods of use. AU2017382406A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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