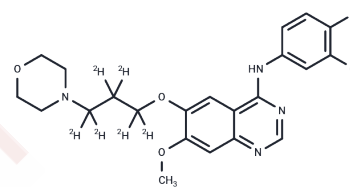


Gefitinib-D6

Chemical Properties

CAS No. :	1228664-49-0
Formula:	C22H18D6ClFN4O3
Molecular Weight:	452.94
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-D6 is a deuterated compound of Gefitinib. Gefitinib (T1181) has a CAS number of 184475-35-2. Gefitinib (T1181) is an EGFR tyrosine kinase inhibitor and can inhibit Tyr1173, Tyr992, Tyr1173 and Tyr992 (IC50s: 37/37/26/57 nM).
Targets(IC50)	EGFR, Autophagy

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2078 mL	11.039 mL	22.078 mL
5 mM	0.4416 mL	2.2078 mL	4.4156 mL
10 mM	0.2208 mL	1.1039 mL	2.2078 mL
50 mM	0.0442 mL	0.2208 mL	0.4416 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

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