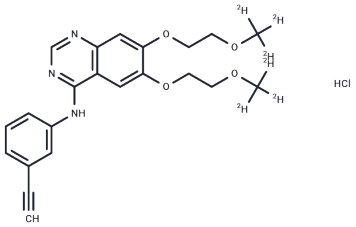
Data Sheet (Cat.No.T19312)

TargetMol
YOUR TARGET MOLECULES

Erlotinib-d6 hydrochloride

Chemical Properties



CAS No. : 1189953-78-3

Formula: C22H24ClN3O4

Molecular Weight: 435.93

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Erlotinib Hydrochloride inhibits purified EGFR kinase with an IC50 of 2 nM. Erlotinib D6 hydrochloride a deuterium labeled Erlotinib Hydrochloride.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2939 mL	11.4697 mL	22.9395 mL
5 mM	0.4588 mL	2.2939 mL	4.5879 mL
10 mM	0.2294 mL	1.147 mL	2.2939 mL
50 mM	0.0459 mL	0.2294 mL	0.4588 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.

Reference

Moyer JD, et al. Induction of apoptosis and cell cycle arrest by CP-358,774, an inhibitor of epidermal growth factor receptor tyrosine kinase. Cancer Res. 1997 Nov 1;57(21):4838-48.

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