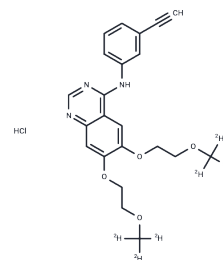


Erlotinib-D6 hydrochloride

Chemical Properties

CAS No. :	1189953-78-3
Formula:	C ₂₂ H ₂₄ ClN ₃ O ₄
Molecular Weight:	435.93
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	Erlotinib Hydrochloride inhibits purified EGFR kinase with an IC ₅₀ of 2 nM. Erlotinib-D6 hydrochloride a deuterium labeled Erlotinib Hydrochloride(TMSM-3381).
Targets(IC ₅₀)	EGFR,Autophagy

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.

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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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