

Erlotinib-13C6 hydrochloride

Chemical Properties

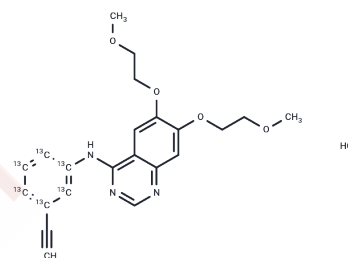
CAS No. :

Formula: $^{13}\text{C}_6 \text{C}_{16}\text{H}_{24}\text{ClN}_3\text{O}_4$

Molecular Weight: 435.85

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-13C6 hydrochloride is the ^{13}C labeled compound of Erlotinib Hydrochloride (T0373L). Erlotinib hydrochloride has a CAS number of 183321-74-6. Erlotinib is an EGFR inhibitor (IC₅₀: 2 nM). It is used for the treatment of non-small cell lung cancer.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2944 mL	11.4718 mL	22.9437 mL
5 mM	0.4589 mL	2.2944 mL	4.5887 mL
10 mM	0.2294 mL	1.1472 mL	2.2944 mL
50 mM	0.0459 mL	0.2294 mL	0.4589 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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