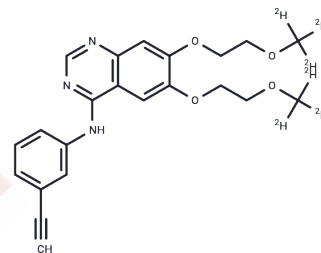


## Erlotinib-D6

## Chemical Properties

CAS No. :	1034651-23-4
Formula:	C <sub>22</sub> H <sub>23</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	399.47
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-D6 is a directly acting inhibitor EGFR tyrosine kinase inhibitor with an IC <sub>50</sub> of 2 nM for human EGFR. Erlotinib-D6 is a deuterium labeled Erlotinib (T0373) .
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5033 mL	12.5166 mL	25.0332 mL
5 mM	0.5007 mL	2.5033 mL	5.0066 mL
10 mM	0.2503 mL	1.2517 mL	2.5033 mL
50 mM	0.0501 mL	0.2503 mL	0.5007 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, 57(21), 4838-4848.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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