

## Lapatinib-D4

## Chemical Properties

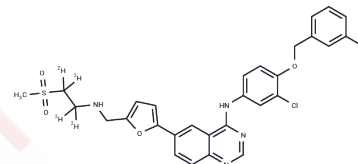
CAS No. :

Formula: C<sub>29</sub>H<sub>22</sub>D<sub>4</sub>ClFN<sub>4</sub>O<sub>4</sub>S

Molecular Weight: 585.08

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

Lapatinib-D4 is a deuterated compound of Lapatinib. Lapatinib (T0078) has a CAS number of 231277-92-2. Lapatinib (T0078) is a dual inhibitor of Lapatinib (T0078) is a dual ErbB2/EGFR (IC<sub>50</sub>: 9.2/10.8 nM) inhibitor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7092 mL	8.5458 mL	17.0917 mL
5 mM	0.3418 mL	1.7092 mL	3.4183 mL
10 mM	0.1709 mL	0.8546 mL	1.7092 mL
50 mM	0.0342 mL	0.1709 mL	0.3418 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

- Rusnak DW, et al. The effects of the novel, reversible epidermal growth factor receptor/ErbB-2 tyrosine kinase inhibitor, GW2016, on the growth of human normal and tumor-derived cell lines in vitro and in vivo. Mol Cancer Ther. 2001 Dec;1(2):85-94

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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