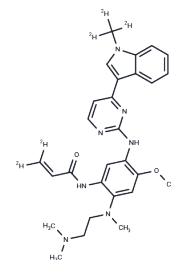


Dosimertinib-D3

Chemical Properties

CAS No. :	2403760-70-1
Formula:	C ₂₈ H ₂₈ D ₅ N ₇ O ₂
Molecular Weight:	504.64
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	Dosimertinib-D3 is a potent, orally active inhibitor of EGFR, known to reduce the expression of p-EGFR and p-ERK proteins, thereby exhibiting antiproliferative and anti-tumor effects. It holds promise for research into non-small-cell lung cancer (NSCLC).
Targets(IC50)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9816 mL	9.9081 mL	19.8161 mL
5 mM	0.3963 mL	1.9816 mL	3.9632 mL
10 mM	0.1982 mL	0.9908 mL	1.9816 mL
50 mM	0.0396 mL	0.1982 mL	0.3963 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481