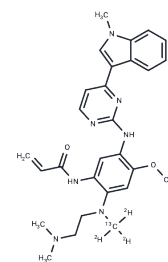


Osimertinib-13C,D3

Chemical Properties

CAS No. :	2254100-49-5
Formula:	C ₂₈ H ₃₃ N ₇ O ₂
Molecular Weight:	503.62
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	Osimertinib-13C,D3 is a deuterated form of Osimertinib (T2490) labeled with 13C. Osimertinib (T2490) (AZD9291) is an orally active, covalent, irreversible EGFR inhibitor with mutation selectivity, effectively inhibiting L858R (IC ₅₀ =12 nM) and L858R/T790M (IC ₅₀ =1 nM) EGFR mutations. It addresses resistance to EGFR inhibitors caused by the T790M mutation in lung cancer.
Targets(IC ₅₀)	EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9856 mL	9.9281 mL	19.8562 mL
5 mM	0.3971 mL	1.9856 mL	3.9712 mL
10 mM	0.1986 mL	0.9928 mL	1.9856 mL
50 mM	0.0397 mL	0.1986 mL	0.3971 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

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