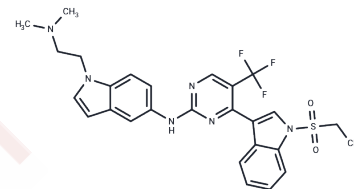


## EGFR mutant-IN-2

## Chemical Properties

CAS No. :	2770009-06-6
Formula:	C27H27F3N6O2S
Molecular Weight:	556.6
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	EGFR mutant-IN-2 (Compound D51) is an inhibitor of EGFR mutants, specifically targeting EGFR L858R/T790M/C797S and EGFR del19/T790M/C797S mutants with IC50 values of 14 nM and 62 nM, respectively. This compound exhibits favorable pharmacokinetic (PK) parameters, safety properties, in vivo stability, and demonstrates antitumor activity [1].
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7966 mL	8.9831 mL	17.9662 mL
5 mM	0.3593 mL	1.7966 mL	3.5932 mL
10 mM	0.1797 mL	0.8983 mL	1.7966 mL
50 mM	0.0359 mL	0.1797 mL	0.3593 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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