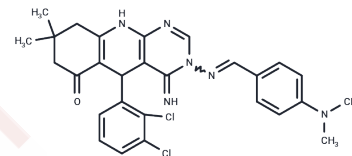


## EGFR-IN-60

## Chemical Properties

CAS No. :	2699877-43-3
Formula:	C <sub>28</sub> H <sub>28</sub> Cl <sub>2</sub> N <sub>6</sub> O
Molecular Weight:	535.47
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	EGFR-IN-60 is an effective, orally active, safe antitumor agent. EGFR-IN-60 significantly inhibits EGFRWT (IC <sub>50</sub> : 83 nM), EGFR T790M (IC <sub>50</sub> : 26 nM), EGFR L858R (IC <sub>50</sub> : 53 nM) and JAK3 (IC <sub>50</sub> : 69 nM). IN-60 inhibited H1975 cells carrying the EGFR T790M mutation (IC <sub>50</sub> : 1.32 μM) and A431 cells overexpressing EGFRWT (IC <sub>50</sub> : 4.96 μM). EGFR-IN-60 increased the Bax/Bcl-2 ratio, which induced apoptosis induction and cell death.
Targets(IC <sub>50</sub> )	Apoptosis,EGFR,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8675 mL	9.3376 mL	18.6752 mL
5 mM	0.3735 mL	1.8675 mL	3.735 mL
10 mM	0.1868 mL	0.9338 mL	1.8675 mL
50 mM	0.0374 mL	0.1868 mL	0.3735 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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