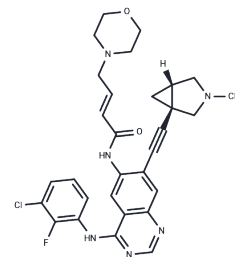


## EGFR-IN-76

## Chemical Properties

CAS No. :	2607829-38-7
Formula:	C <sub>30</sub> H <sub>30</sub> ClFN <sub>6</sub> O <sub>2</sub>
Molecular Weight:	561.05
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	EGFR-IN-76 is a potent EGFR inhibitor.
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7824 mL	8.9119 mL	17.8237 mL
5 mM	0.3565 mL	1.7824 mL	3.5647 mL
10 mM	0.1782 mL	0.8912 mL	1.7824 mL
50 mM	0.0356 mL	0.1782 mL	0.3565 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

Lucas MC, et al. Preparation of alkynyl quinazoline compounds as anticancer agents. WO2021030711 A1.

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