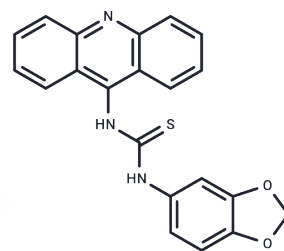


## EGFR-IN-51

## Chemical Properties

CAS No. :	2418549-32-1
Formula:	C <sub>21</sub> H <sub>15</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	373.43
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-51 (Compound 6) is a highly potent EGFR inhibitor with IC <sub>50</sub> values of 0.493, 102.60, and 461.63 $\mu$ M against EGFR, EGFR L858R-TK, and EGFR T790M-TK targets, respectively. Additionally, EGFR-IN-51 exhibits cytotoxicity against cancer cell lines, effectively inducing apoptosis [1].
Targets(IC <sub>50</sub> )	Apoptosis,EGFR,Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6779 mL	13.3894 mL	26.7788 mL
5 mM	0.5356 mL	2.6779 mL	5.3558 mL
10 mM	0.2678 mL	1.3389 mL	2.6779 mL
50 mM	0.0536 mL	0.2678 mL	0.5356 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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