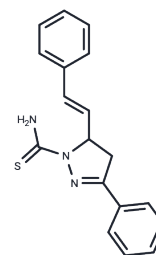


## EGFR-IN-67

## Chemical Properties

CAS No. :	2416924-99-5
Formula:	C <sub>18</sub> H <sub>17</sub> N <sub>3</sub> S
Molecular Weight:	307.41
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-67 (Compound 7d) is a potent EGFR inhibitor with anticancer activity (IC <sub>50</sub> = 0.34 μM) [1].
Targets(IC <sub>50</sub> )	EGFR,Others
In vitro	EGFR-IN-67 (Compound 7d) shows cytotoxicity with IC <sub>50</sub> values of 4.53 ± 0.28 μM against MCF-7 and 39.10 ± 2.37 μM against WI-38 [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.253 mL	16.2649 mL	32.5298 mL
5 mM	0.6506 mL	3.253 mL	6.506 mL
10 mM	0.3253 mL	1.6265 mL	3.253 mL
50 mM	0.0651 mL	0.3253 mL	0.6506 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481