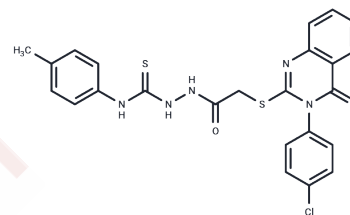


## EGFR/VEGFR2-IN-3

## Chemical Properties

CAS No. :	710972-61-5
Formula:	C <sub>24</sub> H <sub>20</sub> ClN <sub>5</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	510.03
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/VEGFR2-IN-3 (compound 9) is an effective inhibitor of EGFR and VEGFR-2, demonstrating IC <sub>50</sub> values of 0.129 μM for EGFR, 0.142 μM for VEGFR-2, and 3.428 μM for COX-2. This compound exhibits cytotoxic properties and induces cell apoptosis (apoptosis) as well as cell cycle arrest at the G <sub>2</sub> /M phase.
Targets(IC <sub>50</sub> )	Apoptosis,EGFR,VEGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9607 mL	9.8033 mL	19.6067 mL
5 mM	0.3921 mL	1.9607 mL	3.9213 mL
10 mM	0.1961 mL	0.9803 mL	1.9607 mL
50 mM	0.0392 mL	0.1961 mL	0.3921 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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