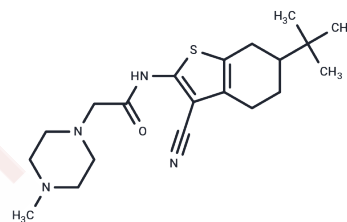


## EGFR-IN-105

## Chemical Properties

CAS No. :	831244-98-5
Formula:	C <sub>20</sub> H <sub>30</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	374.54
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-105 (Compound 5b), an EGFR2 inhibitor with an IC <sub>50</sub> value of 0.68 μM, exhibits anticancer activity and induces apoptosis in cancer cells, making it valuable for pancreatic cancer research [1].
Targets(IC <sub>50</sub> )	Apoptosis,EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6699 mL	13.3497 mL	26.6994 mL
5 mM	0.534 mL	2.6699 mL	5.3399 mL
10 mM	0.267 mL	1.335 mL	2.6699 mL
50 mM	0.0534 mL	0.267 mL	0.534 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