Data Sheet (Cat.No.T63556)



EGFR-IN-59

Chemical Proper	ties	
CAS No. :	2529891-44-7	CH ₃ I
Formula:	C27H23N5O4S	
Molecular Weight:	513.57	
Appearance: 🦲	no data available	
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	H ₃ C N N N N N N N N N N N N N N N N N N N

Biological Description

EGFR-IN-59 is an EGFR inhibitor with an IC50 value of 190 nM and an all-time apoptosis
inducer. EGFR-IN-59 exhibited cytotoxicity against a non-small lung cancer cell line
(A549) and normal lung fibroblasts (WI38) with IC50s of 8.62 and 52.6 μM, respectively.
EGFR-IN-59 EGFR-IN-59 can be used to study a variety of cancers including non-small
cell lung cancer (NSCLC), head and neck cancer, breast cancer and colorectal cancer.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM 📀	1.9472 mL	9.7358 mL	19.4715 mL
5 mM	0.3894 mL	1.9472 mL	3.8943 mL
10 mM	0.1947 mL	0.9736 mL	1.9472 mL
50 mM	0.0389 mL	0.1947 mL	0.3894 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.

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:36 Washington Street,Wellesley Hills,MA 02481