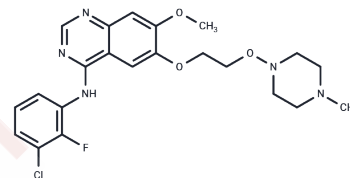


EGFR-IN-91

Chemical Properties

CAS No. : 3032113-20-2
 Formula: C₂₂H₂₅ClFN₅O₃
 Molecular Weight: 461.92
 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-91 (compound 9) is an orally active EGFR inhibitor capable of crossing the blood-brain barrier. It effectively inhibits EGFR L858R/C797S and EGFR exon 19del/C797S, leading to tumor regression in patient-derived xenograft (PDX) mouse models. EGFR-IN-91 shows potential for inhibiting locally advanced and metastatic non-small cell lung cancer (NSCLC) driven by EGFR mutations. |
| Targets(IC50) | EGFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.1649 mL | 10.8244 mL | 21.6488 mL |
| 5 mM | 0.433 mL | 2.1649 mL | 4.3298 mL |
| 10 mM | 0.2165 mL | 1.0824 mL | 2.1649 mL |
| 50 mM | 0.0433 mL | 0.2165 mL | 0.433 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