

EGFR-IN-99

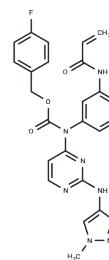
Chemical Properties

CAS No. : 2068806-31-3

Formula: C₂₅H₂₂FN₇O₃

Molecular Weight: 487.49

Storage: Store at low temperature, Keep away from direct sunlight
 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-99 (JBJ-03-142-02) is an EGFR and HER2 Exon 20 insertion mutation inhibitor with antiproliferative activity for the study of non-small cell lung cancer (NSCLC).
Targets(IC50)	EGFR,HER

Solubility Information

Solubility	DMSO: 1 mg/mL (2.05 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0513 mL	10.2566 mL	20.5132 mL
5 mM	0.4103 mL	2.0513 mL	4.1026 mL
10 mM	0.2051 mL	1.0257 mL	2.0513 mL
50 mM	0.041 mL	0.2051 mL	0.4103 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.

Reference

Jang J, et al. Discovery of a Highly Potent and Broadly Effective Epidermal Growth Factor Receptor and HER2 Exon 20 Insertion Mutant Inhibitor. Angew Chem Int Ed Engl. 2018 Sep 3;57(36):11629-11633.

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