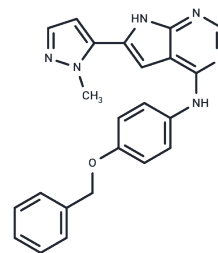


EGFR/AURKB-IN-1

Chemical Properties

CAS No. :	3008543-34-5
Formula:	C ₂₃ H ₂₀ N ₆ O
Molecular Weight:	396.44
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/AURKB-IN-1 (compound 7) serves as a dual inhibitor targeting EGFR/AURKB, effectively inhibiting the phosphorylations of L858R EGFR and AURKB with IC ₅₀ values of 0.07 and 1.1, respectively. The compound engages with the hydrophobic region I or the α C-helix out pocket of EGFR and the back pocket of AURKB. This binding action suppresses tumor cell growth, division, and metastasis, making it a valuable agent for cancer research [1].
Targets(IC ₅₀)	EGFR,Aurora Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5224 mL	12.6122 mL	25.2245 mL
5 mM	0.5045 mL	2.5224 mL	5.0449 mL
10 mM	0.2522 mL	1.2612 mL	2.5224 mL
50 mM	0.0504 mL	0.2522 mL	0.5045 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