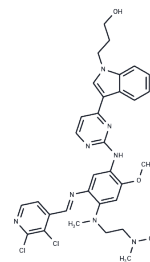


EGFR-IN-161

Chemical Properties

CAS No. :	3031099-34-7
Formula:	C ₃₃ H ₃₆ Cl ₂ N ₈ O ₂
Molecular Weight:	647.597
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-161 (Compound DD-8) is a potent and reversible inhibitor of the L858R/T790M/C797S mutant EGFR kinase, with an IC ₅₀ value of 0.87 nM. EGFR-IN-161 effectively inhibits tumor cell apoptosis, G1 phase arrest, and migration.
Targets(IC ₅₀)	Apoptosis,EGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5442 mL	7.7208 mL	15.4416 mL
5 mM	0.3088 mL	1.5442 mL	3.0883 mL
10 mM	0.1544 mL	0.7721 mL	1.5442 mL
50 mM	0.0309 mL	0.1544 mL	0.3088 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