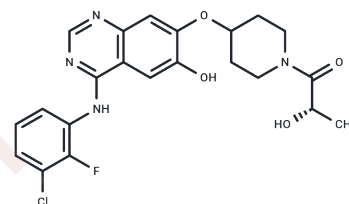


AZ5385

Chemical Properties

CAS No. : 848439-89-4
 Formula: C₂₂H₂₂ClFN₄O₄
 Molecular Weight: 460.89
 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	AZ5385 functions as an EGFR-tyrosine kinase inhibitor and also acts as a blocker of the HRV-2 virus, with an EC 50 value of 0.35 μ M. It impacts the late stage of the viral life cycle [1].
Targets(IC50)	EGFR,Virus Protease
In vitro	AZ5385 has a CC50 of 9 μ M against HeLa cells over 72 hours [1]. When AZ5385 is pre-incubated for 3 hours before viral addition and then co-incubated with the virus at 37°C for 72 hours, it inhibits the infection of HEp-2 cells by HRV-16 and RSV A2 strains, with EC50 values of 3.6 μ M and 0.4 μ M, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1697 mL	10.8486 mL	21.6972 mL
5 mM	0.4339 mL	2.1697 mL	4.3394 mL
10 mM	0.217 mL	1.0849 mL	2.1697 mL
50 mM	0.0434 mL	0.217 mL	0.4339 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