

EGFR-IN-78

## Chemical Properties

CAS No. :

Formula: C<sub>23</sub>H<sub>32</sub>BrN<sub>7</sub>O<sub>2</sub>S

Molecular Weight: 550.51

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-78 (compound A5), a 2-aminopyrimidine derivative, serves as a reversible EGFR C797S-TK inhibitor and an apoptosis inducer. It exhibits anti-proliferative properties, impedes EGFR phosphorylation, and induces G2/M phase cell cycle arrest [1].
Targets(IC50)	Apoptosis,EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8165 mL	9.0825 mL	18.165 mL
5 mM	0.3633 mL	1.8165 mL	3.633 mL
10 mM	0.1816 mL	0.9082 mL	1.8165 mL
50 mM	0.0363 mL	0.1816 mL	0.3633 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

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481