

OYYF-175

## Chemical Properties

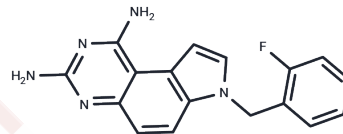
CAS No. : 65829-22-3

Formula: C<sub>17</sub>H<sub>14</sub>FN<sub>5</sub>

Molecular Weight: 307.33

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	OYYF-175 is an antimicrobial antifolate. OYYF-175 exhibits potent broad-spectrum antibacterial activities, especially against multi-drug resistant Gram-Negative-strains. OYYF-175 is an inhibitor of dihydrofolate reductase (DHFR) with an IC <sub>50</sub> of 2.36 nM for Escherichia coli DHFR.
Targets(IC <sub>50</sub> )	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2538 mL	16.2692 mL	32.5383 mL
5 mM	0.6508 mL	3.2538 mL	6.5077 mL
10 mM	0.3254 mL	1.6269 mL	3.2538 mL
50 mM	0.0651 mL	0.3254 mL	0.6508 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