

DHFS-IN-1

## Chemical Properties

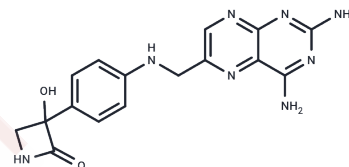
CAS No. : 2995300-60-0

Formula: C<sub>16</sub>H<sub>16</sub>N<sub>8</sub>O<sub>2</sub>

Molecular Weight: 352.35

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	DHFS-IN-1 (Compound 3) is an inhibitor of dihydrofolate synthetase (DHFS) with an IC <sub>50</sub> of 2.6 μM. It is applicable for research into infectious diseases related to bacterial folate synthesis.
Targets(IC <sub>50</sub> )	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8381 mL	14.1904 mL	28.3809 mL
5 mM	0.5676 mL	2.8381 mL	5.6762 mL
10 mM	0.2838 mL	1.419 mL	2.8381 mL
50 mM	0.0568 mL	0.2838 mL	0.5676 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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