

DDHF20

Chemical Properties

CAS No. :

Formula: C₃₄H₂₈O₄

Molecular Weight: 500.58

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	DDHF20 is an inhibitor of Staphylococcus aureus, specifically targeting and inhibiting its thioredoxin reductase (TrxR) by acting as a competitive inhibitor at the NADPH binding site. DDHF20 shows potential for research in combating infections related to Staphylococcus aureus.
Targets(IC50)	Reductase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9977 mL	9.9884 mL	19.9768 mL
5 mM	0.3995 mL	1.9977 mL	3.9954 mL
10 mM	0.1998 mL	0.9988 mL	1.9977 mL
50 mM	0.040 mL	0.1998 mL	0.3995 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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