

Antiangiogenic agent 8

Chemical Properties

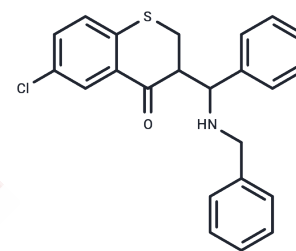
CAS No. :

Formula: C₂₃H₂₀ClNOS

Molecular Weight: 393.929

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	Antiangiogenic agent 8 (Compound 3m) functions as both an antibacterial agent and an antiangiogenic compound. It shows minimum inhibitory concentrations (MIC) of 16, 8, 4, 16, and 8 µg/mL against E. coli, P. aeruginosa, B. subtilis, S. aureus, and C. glabrata, respectively, with minimum bactericidal concentrations (MBC) ranging from 32 to 64 µg/mL. This compound holds potential for applications in infection control and cardiovascular disease research.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5385 mL	12.6926 mL	25.3852 mL
5 mM	0.5077 mL	2.5385 mL	5.077 mL
10 mM	0.2539 mL	1.2693 mL	2.5385 mL
50 mM	0.0508 mL	0.2539 mL	0.5077 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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