

Anticancer agent 36

Chemical Properties

CAS No. :

Formula: C₂₁H₁₇N₃O₃S₂

Molecular Weight: 423.51

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	Anticancer agent 36 (compound 11) is a potent anti-microbial and anti-cancer agent, a sulfonyleurea derivative. anticancer agent 36 inhibits the microbial growth of Bacillus mycoides, Escherichia coli and Candida albicans (MIC: 0.156 - 0.039 mg/mL). Anticancer agent 36 inhibited the growth of A549 cells (IC ₅₀ : 19.7 µg/mL), PC3 cells (IC ₅₀ : 11.9 µg/mL).
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3612 mL	11.8061 mL	23.6122 mL
5 mM	0.4722 mL	2.3612 mL	4.7224 mL
10 mM	0.2361 mL	1.1806 mL	2.3612 mL
50 mM	0.0472 mL	0.2361 mL	0.4722 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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