

Anticancer agent 14

Chemical Properties

CAS No. :

Formula: C₂₉H₃₄N₂O₃

Molecular Weight: 458.59

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 14 is a lead compound (IC ₅₀ : 0.20-0.65 μ M) that blocks the cell cycle of breast cancer cells, induces apoptosis, and causes loss of mitochondrial membrane potential.
Targets(IC ₅₀)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1806 mL	10.903 mL	21.806 mL
5 mM	0.4361 mL	2.1806 mL	4.3612 mL
10 mM	0.2181 mL	1.0903 mL	2.1806 mL
50 mM	0.0436 mL	0.2181 mL	0.4361 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.

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