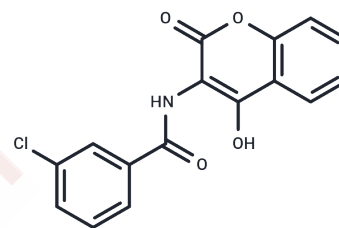


Anticancer agent 93

Chemical Properties

CAS No. :	94205-22-8
Formula:	C ₁₆ H ₁₀ ClNO ₄
Molecular Weight:	315.71
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 93, a 4-Hydroxycoumarin derivative, inhibits the invasion and migration of lung cancer cells through modulation of epithelial-mesenchymal transition (EMT) effector expression [1].
Targets(IC50)	Others
In vitro	Anticancer agent 93 (compound 4h), at concentrations ranging from 5 to 15 μ M over 24 hours, markedly reduces A549 cell invasion by approximately 50% [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1675 mL	15.8373 mL	31.6746 mL
5 mM	0.6335 mL	3.1675 mL	6.3349 mL
10 mM	0.3167 mL	1.5837 mL	3.1675 mL
50 mM	0.0633 mL	0.3167 mL	0.6335 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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