

Anticancer agent 137

Chemical Properties

CAS No. :

Formula: C₂₆H₂₇N₀₆

Molecular Weight: 449.5

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 137 (8q), a potent PI3k inhibitor, exhibits broad-spectrum anticancer activity by inducing G2/M cell cycle arrest and apoptosis. It increases levels of cleaved PARP, and caspases 3 and 7, making it useful in cancer research [1].
Targets(IC50)	Apoptosis,Caspase,PARP,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2247 mL	11.1235 mL	22.2469 mL
5 mM	0.4449 mL	2.2247 mL	4.4494 mL
10 mM	0.2225 mL	1.1123 mL	2.2247 mL
50 mM	0.0445 mL	0.2225 mL	0.4449 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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