

Anticancer agent 136

Chemical Properties

CAS No. :

Formula: C40H50N6O8

Molecular Weight: 742.86

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 136 (compound 22), a C17-triazole analogue of Geldanamycin (GDM), exhibits an IC50 value of 3.38 μ M against human dermal fibroblasts (HDF) and binds to Heat shock protein 90 (Hsp90) with a dissociation constant (Kd) of 3.86 μ M, demonstrating its apoptosis-inducing capabilities [1].
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3461 mL	6.7307 mL	13.4615 mL
5 mM	0.2692 mL	1.3461 mL	2.6923 mL
10 mM	0.1346 mL	0.6731 mL	1.3461 mL
50 mM	0.0269 mL	0.1346 mL	0.2692 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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