

Antitumor agent-83

Chemical Properties

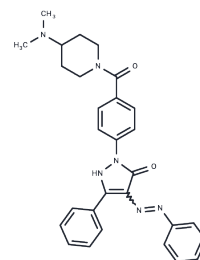
CAS No. :

Formula: C₂₉H₃₀N₆O₂

Molecular Weight: 494.59

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	Antitumor agent-83 acts as a BAX pro-apoptotic protein activator, significantly inhibiting tumor cell proliferation and mediating cell apoptosis through BAX's conformational activation. It also impedes the A549 cell cycle, demonstrating robust metabolic stability and an in vitro CYPs spectrum.
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0219 mL	10.1094 mL	20.2188 mL
5 mM	0.4044 mL	2.0219 mL	4.0438 mL
10 mM	0.2022 mL	1.0109 mL	2.0219 mL
50 mM	0.0404 mL	0.2022 mL	0.4044 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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