

Anticancer agent 153

Chemical Properties

CAS No. :

Formula: C₁₆H₁₁Cl₂N₃O₃

Molecular Weight: 364.18

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 153 (Compound 3) promotes apoptosis through the generation of Reactive Oxygen Species (ROS) and elevates the loss of Mitochondrial Membrane Potential (MMP), effectively inhibiting cancer cell proliferation [1].
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7459 mL	13.7295 mL	27.4589 mL
5 mM	0.5492 mL	2.7459 mL	5.4918 mL
10 mM	0.2746 mL	1.3729 mL	2.7459 mL
50 mM	0.0549 mL	0.2746 mL	0.5492 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481