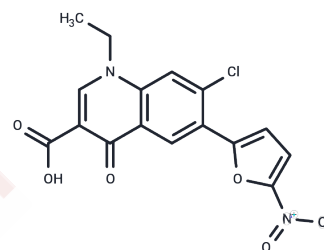


## Anticancer agent 168

## Chemical Properties

CAS No. :	207399-56-2
Formula:	C <sub>16</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>6</sub>
Molecular Weight:	362.72
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	Compound D16 (Anticancer agent 168) is an inhibitor of DNA2 that induces apoptosis and cell-cycle arrest predominantly in the S-phase. It demonstrates anticancer efficacy and can counteract chemotherapy resistance in cancers harboring mutant p53 [1].
Targets(IC50)	Apoptosis,Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7569 mL	13.7847 mL	27.5695 mL
5 mM	0.5514 mL	2.7569 mL	5.5139 mL
10 mM	0.2757 mL	1.3785 mL	2.7569 mL
50 mM	0.0551 mL	0.2757 mL	0.5514 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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