

## FMP

## Chemical Properties

CAS No. :

Formula: C18H18Cl2N2O7Pt

Molecular Weight: 640.33

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	FMP is a platinum (IV) complex. It significantly upregulates the expression of $\gamma$ -H2AX and p53, enhances ROS production, and markedly increases the expression of apoptosis (Apoptosis) related proteins (DR5, Fas, caspase-8, Cyt-c, caspase-3, cleaved-PARP1, Bax). FMP exhibits antiproliferative activity against breast cancer.
Targets(IC50)	Apoptosis,Bcl-2 Family,Reactive Oxygen Species,Caspase,PARP,ROS,MDM-2/p53

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5617 mL	7.8085 mL	15.6169 mL
5 mM	0.3123 mL	1.5617 mL	3.1234 mL
10 mM	0.1562 mL	0.7808 mL	1.5617 mL
50 mM	0.0312 mL	0.1562 mL	0.3123 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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