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      3.2.4 Akt kinase
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   - 1.3 Pharmaceutical applications of cyclodextrin
2. Results and Discussion

2.1 Methyl-β-cyclodextrin (MCD) is cytotoxic at higher concentration and induces cell death in MCF-7 and MDA MB-231 cells

2.2 MCD mediated Fas-FADD complex formation is partially responsible for sensitivity difference in MCF-7 and MDA MB-231 cells

2.3 Carb or 5-FU induces cell death in MCF-7 and MDA MB-231 cells

2.4 MCD enhances the receptiveness of MCF-7 and MDA MB-231 cells to Carb or 5-FU

2.5 Cell survival as well as anti-apoptotic molecules are involved in enhanced cell death

2.6 MCD facilitates the intracellular drug uptake in MCF-7 and MDA MB-231 cells

2.7 MCD and 5-FU combination effectively regressed tumor growth in nude mice

2.8 p21 and Bax are upregulated following treatment of MCF-7 cells in vivo with combination of MCD and 5-FU

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