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### $\alpha$ -Phellandrene enhances the apoptosis of HT-29 cells induced by 5-fluorouracil by modulating the mitochondria-dependent pathway

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Abstract: Phellandrene ( $\alpha$ -DA), a natural component of *Phellodendron chinense* (DC.) and 5-FU had a synergistic effect on reducing the human colon cancer HT-29 cells by inducing intrinsic apoptosis pathways. The mechanism by which 5-FU-induced apoptosis is induced may involve the intrinsic apoptosis pathway that activates the mitochondria-dependent pathway.

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