

[Propolis Components Have Cytotoxic Effect on Cancer Cells](#)





Apoptosis of Human Melanoma Cells Induced by the Novel Compounds Propolin A and Propolin B from Taiwanese Propolis

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Abstract: We recently demonstrated that two new prenylflavanones, propolin A and propolin B, isolated and characterized from Taiwanese propolis, induced cytotoxicity effect in human melanoma A2058 cells and shows a strong capability to scavenge free radicals. In this study, propolin A effectively induced a cytotoxic effect on five different cancer cell lines. Similar results were obtained for propolin B...

All these results indicated that propolin A and propolin B may trigger apoptosis of A2058 cells through mitochondria-dependent pathways and also shown that propolin A and propolin B were strong antioxidants.

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