Ginsenoside F2 is a triterpene saponin originally found in species of <i>Panax</i> that exhibits anti-obesity and anticancer chemotherapeutic activities. Ginsenoside F2 inhibits hair cell apoptosis, decreasing expression of TGF-β2, SCAP, and SREBP in vivo. Ginsenoside F2 also decreases lipid accumulation in adipocytes, suppressing expression of PPARγ and perilipin and inhibiting adipogenesis. This compound also induces formation of acidic vesicles, autophagy, and mitochondrial apoptosis in breast cancer stem cells; additionally, it decreases tumor growth in animal models of glioblastoma.

References


