Ginsenoside Rb2

Description
Ginsenoside Rb2 is a triterpene saponin originally found in species of Panax (ginseng) that exhibits anti-osteoporotic, antioxidative, antiviral, anti-hyperlipidemic, anti-metastatic, anti-angiogenic, and anticancer chemotherapeutic activities. In vivo, ginsenoside Rb2 decreases levels of malondialdehyde and increases levels of glutathione, improving bone microarchitecture and bone mineral density. In other animal models, this compound decreases virus titers and protects against infection of hemagglutinating virus of Japan. In adipocytes, ginsenoside Rb2 decreases levels of cholesterol and triglycerides and increases expression of SREBP. In uterine endometrial cancer cells, ginsenoside Rb2 decrease expression of matrix metalloproteinase 2 (MMP2), suppressive cellular invasion; this compound also inhibits neovascularization and tumor growth in animal models of melanoma.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.