Hesperidin is a phytoestrogen and flavonoid found in citrus plants that exhibits anti-hyperlipidemic, anti-osteoporotic, anti-inflammatory, analgesic, sedative, antinociceptive, and antioxidative activities. In vivo, hesperidin increases levels of HDL and decreases levels of LDL, triglycerides, and total lipids. In ovariectomized animals, hesperidin increases bone mineral density, preventing hormone-released changes in bone volume and thickness. Hesperidin also decreases carrageenan-induced edema and displays opioid-induced pain relief in various animal models. Additionally, hesperidin inhibits COX-2 activity and scavenges radicals.

References


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