Ginsenoside Rc is a triterpene saponin originally found in species of *Panax* that exhibits antioxidative, anti-aging, antinociceptive, and anti-diabetic activities. Ginsenoside Rc inhibits phosphorylation of Foxo1, inhibits AMPK, activates PI3K/Akt signaling, and increases levels of catalase, decreasing oxidative stress. Ginsenoside Rc also induces antinociception in animal models of writhing and formalin-induced pain, potentially through activity on transient receptor potential vanilloid 1 (TRPV1) channels. In other animal models, ginsenoside Rc activates AMPK and p38 MAPK, increasing glucose uptake. Additionally, this compound increases the life span of *Caenorhabditis elegans*.

References


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