Capsanthin is a carotenoid originally found in Capsicum that exhibits anticancer and chemopreventive activities. In leukemia cells, capsanthin upregulates expression of PPARγ, Nrf2, and p21, downregulates expression of cyclin D1, induces apoptosis, and inhibits cellular proliferation. In animal models, this compound increases levels of HDL and upregulates expression of ApoA5 and LCAT. Additionally, capsanthin inhibits TPA-induced tumor development in vitro and in vivo.

**References**


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