**Description**

Sarcophine is a marine cembranoid diterpene found in the Red Sea soft coral *Sarcophyton glaucum*. Sarcophine and its synthetic derivative, sarcophine-diol, exhibit chemopreventive activity. In vivo, sarcophine inhibits skin carcinogenesis induced by NOR-1 and TPA. Sarcophine also decreases membrane permeability towards Ca\textsuperscript{2+}, increases degradation of PLA and PLC, and decreases levels of COX-2, inhibiting the tumor formation in melanoma models. In breast cancer and prostate cancer cell lines, sarcophine inhibits cell migration. Sarcophine may also inhibit phosphofructokinase.

**References**


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