Cambinol is an inhibitor of sirtuins, particularly sirtuin1. Cambinol exhibits anti-inflammatory and anticancer chemotherapeutic activities. In various cell lines, cambinol suppresses MAPK and MEK signaling and inhibits expression of pro-inflammatory cytokines such as IL-1β, IL-6, TNF-α, and IFN-γ. Additionally, cambinol improves survival of animal models of endotoxic shock and septic shock. In vitro, cambinol inhibits proliferation and increases differentiation and senescence in hepatocellular carcinoma cells. In vivo, cambinol inhibits xenograft growth in models of hepatocellular carcinoma and Burkitt’s lymphoma.

References


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