Lactacystin is a proteasome inhibitor initially produced by *Streptomyces* that exhibits hepatoprotective, anti-metastatic, and anticancer chemotherapeutic activities. Lactacystin increases the Bax/Bcl-2 ratio and inhibits proliferation of cells and growth of tumors in models of glioma. Additionally, lactacystin inhibits growth and migration of smooth muscle cells. In animal models of intestinal ischemia/reperfusion-induced liver injury, lactacystin inhibits activation of NF-κB, suppresses infiltration of neutrophils, and decreases levels of ICAM-1.

References


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