5-Aminosalicylic acid exhibits anti-inflammatory, antioxidative, and anticancer activities; it is clinically used to treat inflammatory bowel disease (IBD), Crohn’s disease, and colitis, as it acts primarily in the colon. In vitro, 5-aminosalicylic acid decreases levels of ROS, increases levels of catalase and PPARγ, and stimulates PTEN signaling. In colorectal cancer cells, this compound decreases proliferation by inhibiting phospholipase D (PLD) activity and mTOR signaling.

References


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