### 5-Aminosalicylic Acid

**Product ID** A5035  
**CAS No.** 89-57-6  
**Chemical Name** 5-amino-2-hydroxybenzoic acid  

**Synonym** 5-ASA, Mesalamine, Asacol, Salofalk, 5-amino-2-hydroxybenzoic acid  

**Formula** C₇H₇NO₃  
**Formula Wt.** 153.14  
**Melting Point** 275-280°C (dec)  
**Purity** ≥98%  
**Solubility**

**Store Temp** Ambient  
**Ship Temp** Ambient  

**Description** 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**  

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