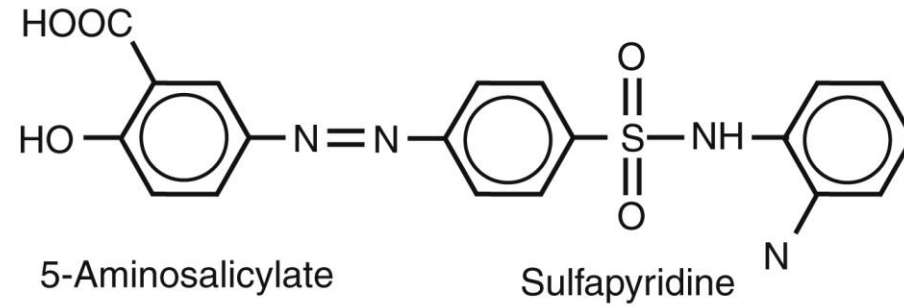


دکتر شاهین شهبازی

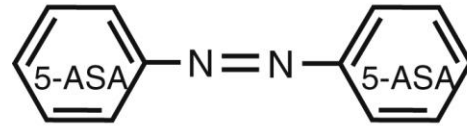
فوق گوارش

دانشیار

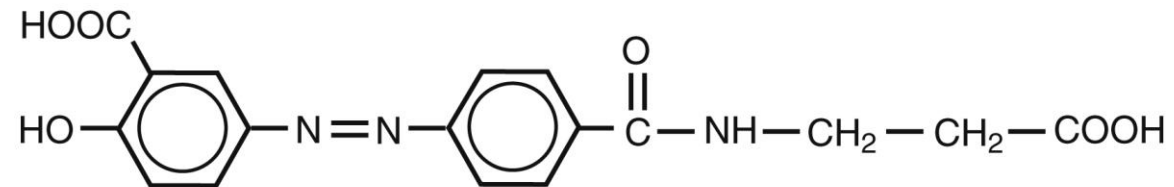
Sulfasalazine



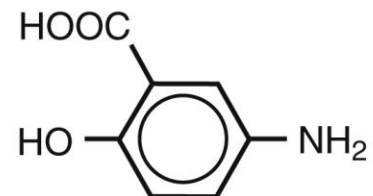
Olsalazine



Balsalazide



Mesalamine (with or without delivery systems of Ethylcellulose, Eudragit-S, or Multi-Matrix System)



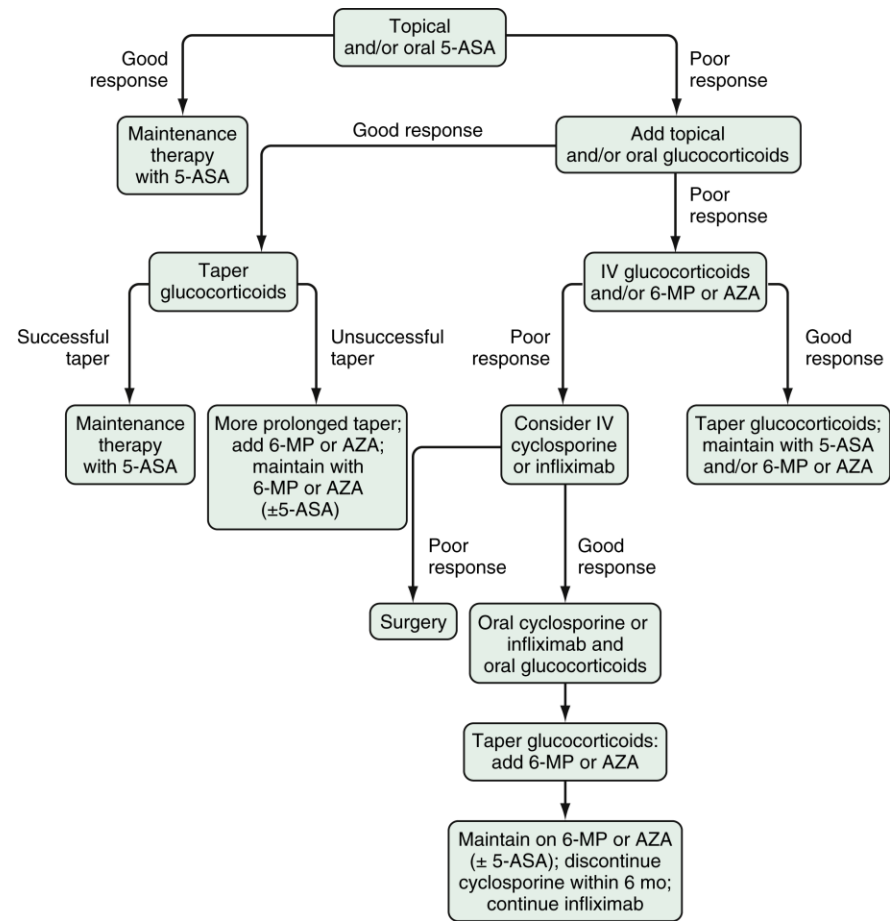
Molecular structures of 5-aminosalicylate (5-ASA) preparations.

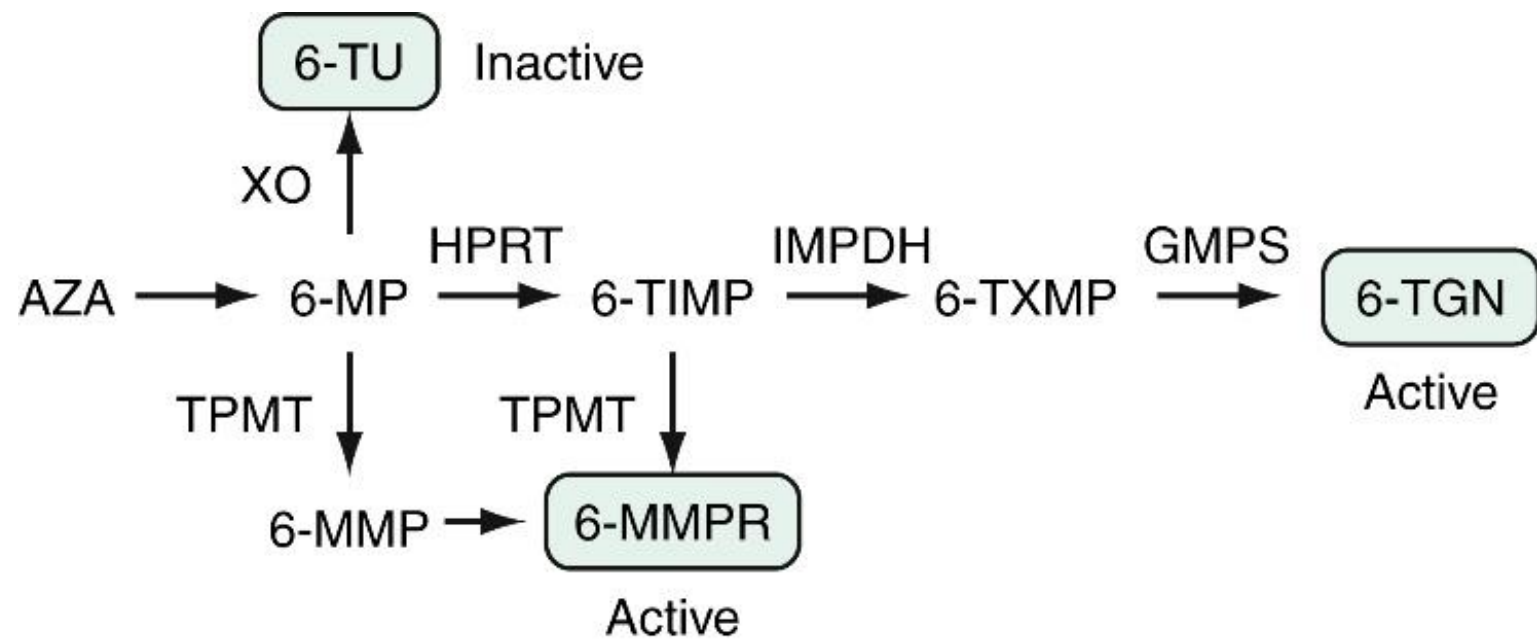
TABLE 116.1

Oral 5-Aminosalicylic Acid Preparations and Sites of Delivery in the GI Tract

Drug	Formulation	Site of delivery
Prodrugs		
Balsalazide	4-aminobenzoyl β -alanine + 5-ASA	Colon
Olsalazine	5-ASA dimer	Colon
Sulfasalazine	Sulfapyridine + 5-ASA	Colon
Mesalamine Preparations		
Asacol, Claversal, Delzicol Salofalk/Apriso	pH sensitive, resin-coated; delayed release	Distal ileum, colon
Canasa	Suppository	Rectum
Lialda	pH sensitive, multi-matrix and polymethacrylate coated; delayed and slow release	Distal ileum, colon
Pentasa	Ethylcellulose-coated microgranules; controlled release	Duodenum to colon
Rowasa	Enema	Distal colon

5-ASA, 5-aminosalicylate.





Sever UC

