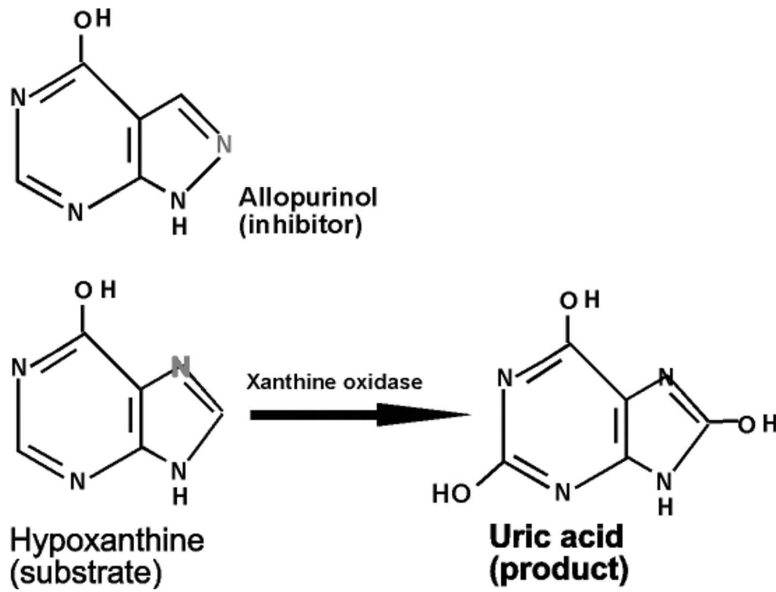


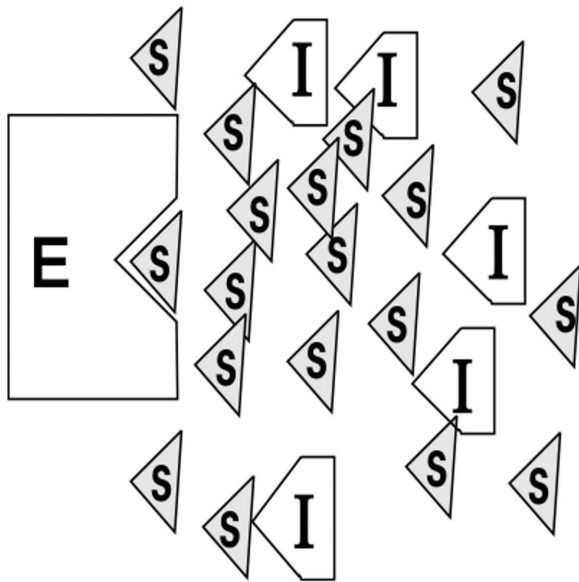
5-3a

Allopurinol--A competitive inhibitor example



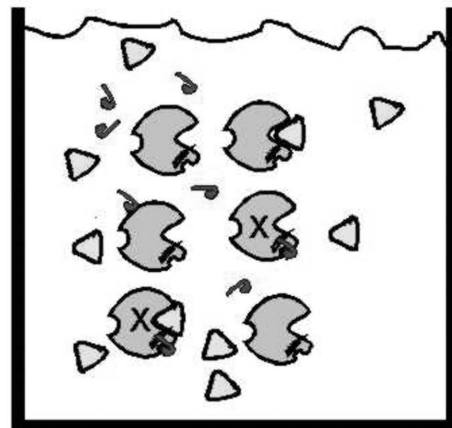
5-3b

Competitive inhibition Scheme



5-3c

Non-competitive inhibition



X = inhibited enzyme molecules (1/3 here)  
The remainder bind substrate  
and behave normally (2/3)  
Total activity is inhibited by 1/3 here.