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Inhibitors of Elastase; 2.3 Dorzolamide:A Success Story of Structure-Based Drug Design; 2.4 Inhibitors of Serine Esterases; 2.4.1 Human Pancreatic Lipase (hPL)
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6.5 Binding of Substrate and Transition State Mimics

Sommario/riassunto

Most drugs bind to a clearly defined macromolecular target that is complementary in terms of structure and chemistry. This observation is the basic paradigm of structure-based ligand design. Although this method first emerged in the 1980s, it has already become a powerful tool for pharmaceutical research. Much has been learned, however, since the first attempts to discover drugs on the basis of available biochemical and structural data. Nowadays, structure-based ligand design is an established method for creating drugs with new structural features, for modifying binding activities and pharmaco