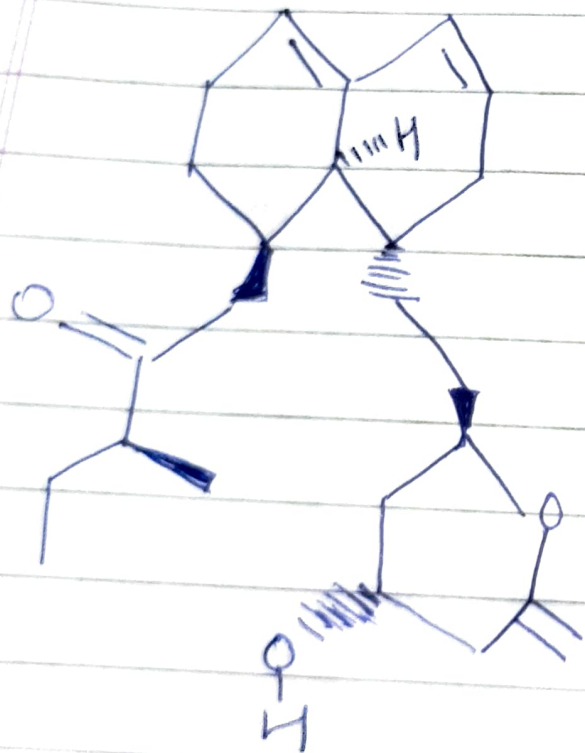


Q-2 → Lovastatin → molecular for. $C_{24}H_{36}O_5$



MOA

Lovastatin is metabolized into its active form beta-hydroxy acid in the stomach and functions to competitively inhibit of 3-hydroxy-3-methylglutaryl-coenzyme A reductase.

Use → Lovastatin is in a class of medications called HMGs (or reductase inhibitors (statins)). It works by slowing the production of cholesterol in the body to decrease the amount of cholesterol. ~~the~~ which block flow of blood to heart, brain and other part of body.