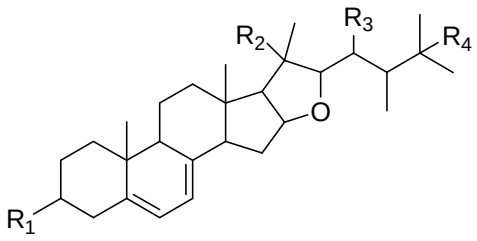
## Abstract

The present invention pertains to pharmaceutical chemical field, and relates to a sterol derivative as well as preparation method and uses thereof. Specifically, the present invention relates to a compound of Formula I, or a pharmaceutically acceptable salt, ester or ether thereof, wherein, $R_1$ is selected from the group consisting of -OH, =O(carbonyl), H, and $C_1$-$C_3$ alkyl; $R_2$ is selected from the group consisting of -OH, H, and $C_1$-$C_3$ alkyl; $R_3$ is selected from the group consisting of -OH, =O, H, and $C_1$-$C_3$ alkyl; $R_4$ is selected from the group consisting of -OH, H, and $C_1$-$C_3$ alkyl; and none, one, two, three or four of $R_1$, $R_2$, $R_3$, and $R_4$ are -OH. The compound of the present invention can inhibit HMG-CoA reductase, tumor cellsand lipase effectively, and is a potential drug for reducing blood-fat, antitumors, or for losing weight.




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