

BENZIMIDAZOLE, BENZTHIAZOLE AND BENZOXAZOLE DERIVATIVES AND THEIR USE AS LTA4H MODULATORS

ABSTRACT

Leukotriene A4 hydrolase (LTA4H) inhibitors of formula I, compositions containing them, and their use for the inhibition of LTA4H enzyme activity and the treatment, prevention or inhibition of inflammation and/or conditions associated with inflammation, wherein X is selected from the group consisting of NR⁵, O, and S, with R⁵ being one of the H and CH₃; Y is selected from the group consisting of CH₂ and O; R₄ is selected from the group consisting of H, OCH₃, C₁, F, Br, I, OH, NH₂, CN, CF₃.