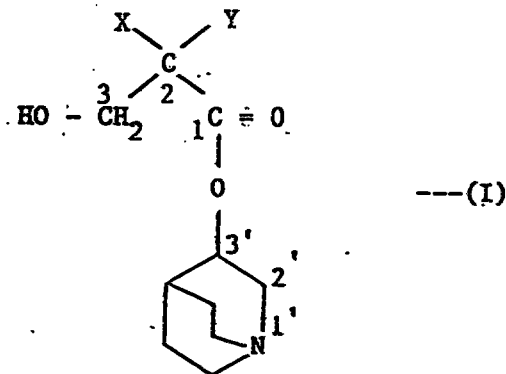


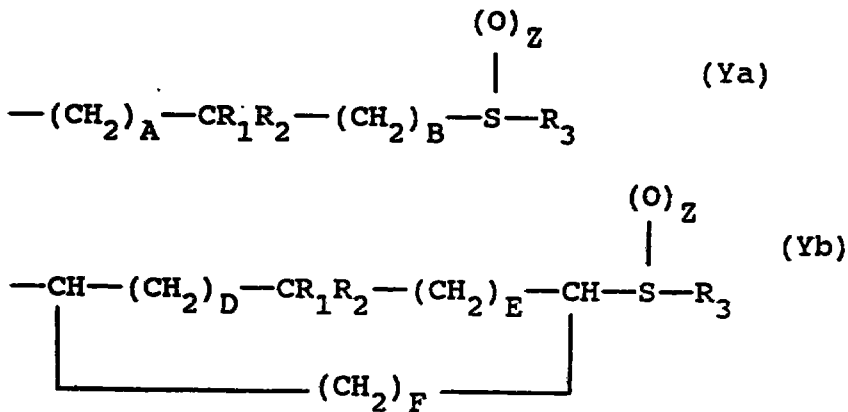
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ABSTRACT

Compounds of formula (I)



wherein X is either (a) a phenyl group optionally substituted by 1 or 2 substituents each independently selected from halo, CF₃, C₁-C₄ alkyl, C₁-C₄ alkoxy and hydroxy or (b) a thienyl group; and Y is of formula (Ya) or (Yb)



where A and B are 0, 1 or 2, D and E are 0 or 1, F is 0-3 and $D + E + F = 1-3$, Z is 0, 1 or 2, R₁ and R₂ are H or alkyl or form a ring, and R₃ is C₁-C₄ alkyl, C₃-C₆ cycloalkyl or optionally substituted phenyl or benzyl, are antimuscarinic bronchodilators useful for treating chronic obstructive airways disease or asthma.

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