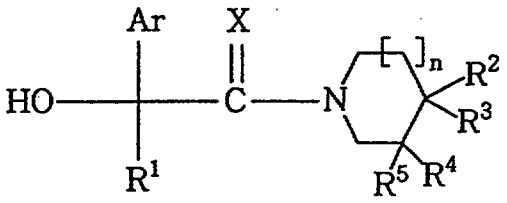
ABSTRUCT

The invention relates to compounds represented by the general formula [I]



[I]

[wherein Ar means an aryl group or a heteroaryl group which may have a substitutive group selected from a group consisting of a halogen atom, a lower alkyl group and a lower alkoxy group; R^1 means a C_3-C_6 cycloalkyl group which is substitutable with a fluorine atom; R^2 and R^4 mean hydrogen atoms, groups represented by $-(A^1)_m-NH-B$ or the like; R^3 and R^5 mean hydrogen atoms, C_1-C_6 aliphatic hydrocarbon groups or the like which are substitutable with a lower alkyl group(s); n means 0 or 1; and X means an oxygen atom or a sulfur atom].

Compounds according to the invention, since they not only have potent selective antagonistic activity against muscarinic M_3 receptors but also exhibit excellent oral activity, durability of action and pharmacokinetics, are very useful as safe and effective remedies against respiratory, urinary and digestive diseases with little adverse side effects.