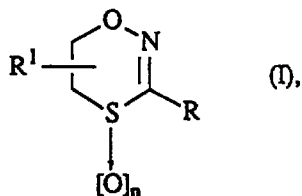


ABSTRACT

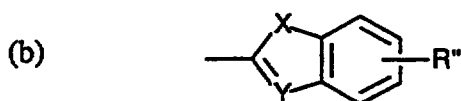
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ANTIBACTERIAL AND ANTIFOULING OXATHIAZINES
AND THEIR OXIDES

10 Use of 3-aryl-5,6-dihydro-1,4,2-oxathiazines and their oxides having the formula



- 15 wherein n is 0, 1 or 2; R¹ is hydrogen, C₁-₄alkyl or benzyl; and R represents
 (a) phenyl; phenyl substituted with 1 to 3 substituents independently selected from
 hydroxyl, halo, C₁-₁₂alkyl, C₅-₆cycloalkyl, trihalomethyl, phenyl, C₁-₅alkoxy,
 C₁-₅alkylthio, tetrahydropyranyloxy, phenoxy, C₁-₄alkylcarbonyl, phenylcarbonyl,
 C₁-₄alkylsulfinyl, C₁-₄alkylsulfonyl, carboxy or its alkali metal salt, C₁-₄alkyloxy-
 20 carbonyl, C₁-₄alkylaminocarbonyl, phenylaminocarbonyl, tolylaminocarbonyl,
 morpholinocarbonyl, amino, nitro, cyano, dioxolanyl or C₁-₄alkyloxyiminomethyl;
 naphthyl; pyridinyl; thienyl, preferably when n is not 2; furanyl; or thienyl or furanyl
 substituted with one to three substituents independently selected from C₁-₄alkyl,
 C₁-₄alkyloxy, C₁-₄alkylthio, halo, cyano, formyl, acetyl, benzoyl, nitro, C₁-₄alkyloxy-
 25 carbonyl, phenyl, phenylaminocarbonyl and C₁-₄alkyloxyiminomethyl; or R represents a
 radical of formula



- 30 wherein X is oxygen or sulfur, Y is nitrogen, CH or C(C₁-₄alkyloxy); and R'' is
 hydrogen or C₁-₄alkyl, as an antibacterial, anti-yeast, antifungal, algicidal, anti-
 crustacean, molluscicidal and general antifouling agent and compositions containing the
 same.

