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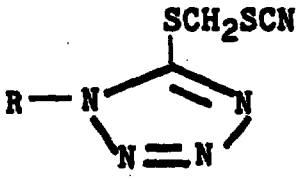
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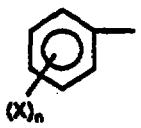
(54) Title: 1-SUBSTITUTED-5-THIOMETHYLTHIOCYANATO-1H-TETRAZOLES, COMPOSITIONS CONTAINING THEM AND THEIR USE AS ANTIMICROBIAL AND MARINE ANTIFOULING AGENTS

(57) Abstract

Disclosed are substituted-5-thiomethylthiocyanato-1H-tetrazole compounds corresponding to formula (I) wherein R represents a C_1-C_6 straight or branched chain alkyl radical, a C_3-C_6 cycloalkyl or a phenyl radical of formula (II) wherein each X independently represents hydrogen, halo, a C_1-C_6 straight or branched chain alkyl radical, a C_3-C_6 cycloalkyl radical, a C_1-C_6 straight or branched chain alkoxy radical, a C_3-C_6 cycloalkoxy radical, cyano or nitro and n is 0-5. These compounds have been found to exhibit antimicrobial amd marine antifouling activity in industrial and commercial applications, and compositions containing these compounds are so employed.



(I)



(II)