



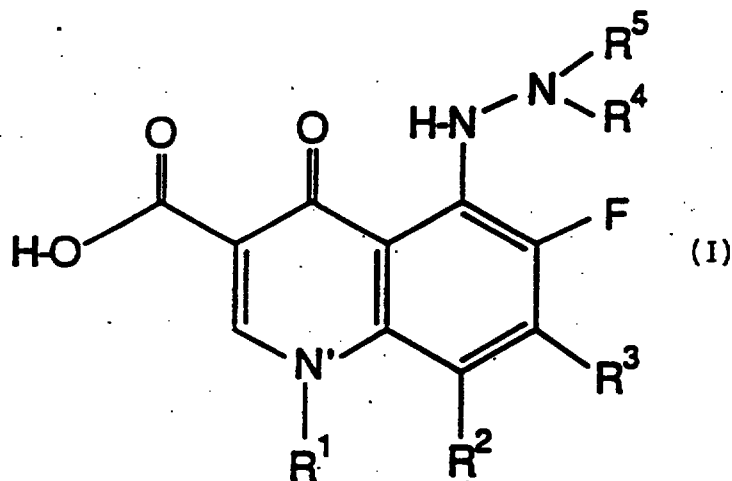
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**(54) Title:** ANTIMICROBIAL 5-HYDRAZINO-QUINOLONE DERIVATIVES**(57) Abstract**

Antimicrobial 5-(N-heterosubstituted amino) quinolone compounds of general formula (I), wherein (1) R^1 , R^2 and R^3 form any of a variety of quinolone and related heterocyclic structures similar to those known in the art to have antimicrobial activity; and (2) (a) R^4 and R^5 are, independently, hydrogen; lower alkyl; cycloalkyl; heteroalkyl; or $-C(=O)-X-R^8$, where X is a covalent bond, N, O, or S, and R^8 is lower alkyl, lower alkenyl, arylalkyl, a carbocyclic ring, or a heterocyclic ring; or (b) R^4 and R^5 together comprise a heterocyclic ring that includes the nitrogen to which they are bonded; and pharmaceutically-acceptable salts and biohydrolyzable esters thereof, and solvates thereof.