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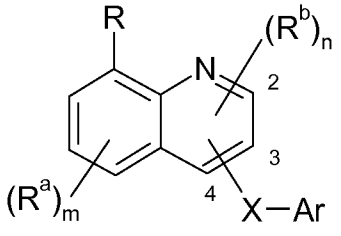
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(54) **Title:** QUINOLINE COMPOUNDS SUITABLE FOR TREATING DIDORDERS THAT RESPOND TO MODULATION OF THE SEROTONIN 5-HT6 RECEPTOR



(I)

(57) **Abstract:** The present invention relates to novel quinoline compounds. The compounds possess valuable therapeutic properties and are particularly suitable, for treating diseases that respond to modulation of the serotonin 5-HT_6 receptor. formula (I) wherein R is a moiety of the formula (R) wherein A, R^1 to R^4 are as defined in the claims and the specification, n is 0, 1 or 2; m is 0, 1, 2 or 3; R^a, R^b are independently selected from the group consisting of halogen, CN, C_1-C_4-alkyl, C_1-C_4-haloalkyl, C_1-C_4-alkoxy, C_1-C_4-haloalkoxy, $C(O)R^{aa}$, $C(O)NR^{cc}R^{bb}$ and $NR^{cc}R^{bb}$; X is CH_2, C(O), S, $S(O)$ or $S(O)_2$; which is located in the 3- or 4-position of the quinoline ring; Ar is a radical Ar^1, Ar^2-Ar^3 or Ar^2-O-Ar^3, wherein Ar^1, Ar^2 and Ar^3 are each independently selected from the group consisting of aryl or hetaryl wherein aryl or hetaryl moieties may be unsubstituted or may carry 1, 2, 3 substituents R^x, wherein and physiologically tolerated acid addition salts and the N-oxides thereof.

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