

ABSTRACT**4-Phenyl-1-Piperazinyl, -Piperidinyl And -Tetrahydropyridyl Derivatives**

5 The present invention relates to substituted 4-phenyl-1-piperazinyl derivatives
having formula (I), wherein W is C, CH or N, and the dotted line emanating from W
indicates a bond when W is C and no bond when W is N or CH; R^1 and R^2 are
independently selected from hydrogen and halogen, provided at least one of R^1 and R^2 is a
halogen atom; X is CH_2 , O, S, CO, CS, SO or SO_2 ; and Q is a group of formula (II)
10 provided that X is not O or S when the group Q is attached via an N atom; and any of its
enantiomers and acid addition salts thereof. These compounds have high affinity for D_4
receptors.