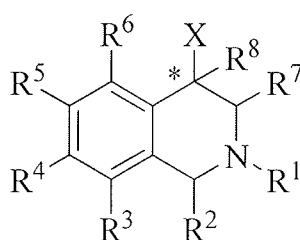


ABSTRACT

**ARYL- AND HETEROARYL-SUBSTITUTED
TETRAHYDROISOQUINOLINES AND USE THEREOF TO BLOCK
REUPTAKE OF NOREPINEPHRINE, DOPAMINE, AND SEROTONIN**

The compounds of the present invention are represented by the chemical structure found in Formula (I):



Formula I

wherein:

the carbon atom designated * is in the R or S configuration; and

X is a fused bicyclic carbocycle or heterocycle selected from the group consisting of benzofuranyl, benzo[*b*]thiophenyl, benzoisothiazolyl, benzoisoxazolyl, indazolyl, indolyl, isoindolyl, indolizynyl, benzoimidazolyl, benzooxazolyl, benzothiazolyl, benzotriazolyl, imidazo[1,2-*a*]pyridinyl, pyrazolo[1,5-*a*]pyridinyl, [1,2,4]triazolo[4,3-*a*]pyridinyl, thieno[2,3-*b*]pyridinyl, thieno[3,2-*b*]pyridinyl, 1*H*-pyrrolo[2,3-*b*]pyridinyl, indenyl, indanyl, dihydrobenzocycloheptenyl, tetrahydrobenzocycloheptenyl, dihydrobenzothiophenyl, dihydrobenzofuranyl, indolinyl, naphthyl, tetrahydronaphthyl, quinolinyl, isoquinolinyl, 4*H*-quinolizynyl, 9*aH*-quinolizynyl, quinazolynyl, cinnolynyl, phthalazinyl, quinoxalinyl, benzo[1,2,3]triazinyl, benzo[1,2,4]triazinyl, 2*H*-chromenyl, 4*H*-chromenyl, and a fused bicyclic carbocycle or fused bicyclic heterocycle optionally substituted with substituents (1 to 4 in number) as defined in R¹⁴;
with R¹, R², R³, R⁴, R⁵, R⁶, R⁷, R⁸, and R¹⁴ defined herein.