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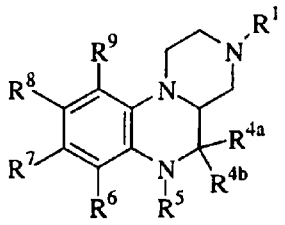
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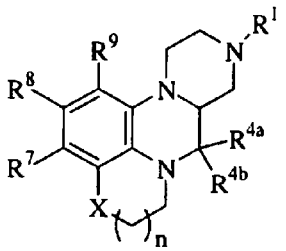
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(54) Title: PYRAZINOQUINOXALINE DERIVATIVES AS SEROTONIN AGONISTS AND ANTAGONISTS



(I)



(I-a)

(57) Abstract: The present invention is directed to novel compounds represented by structural Formulas (I) and (I-a), or a pharmaceutically acceptable salt thereof, wherein R1, R4a, R4b, R5, R6, R7, R8, R9, n, and X are described. The invention is also concerned with pharmaceutical formulations comprising these novel compounds as active ingredients and the use of the novel compounds and their formulations in the treatment of certain disorders. The compounds of this invention are serotonin agonists and antagonists and are useful in the control or prevention of central nervous system disorders including obesity, anxiety, depression, psychosis, schizophrenia, sleep and sexual disorders, migraine and other conditions associated with cephalic pain, social phobias, and gastrointestinal disorders such as dysfunction of the gastrointestinal tract motility

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