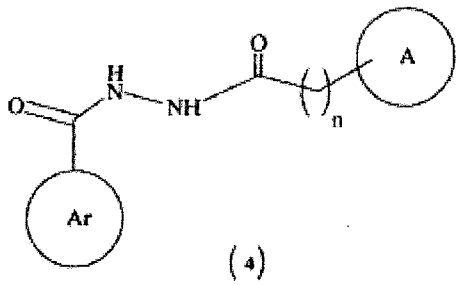
in presence of suitable solvent to form a compound of formula (4),



(4)

(b) cyclizing the compound of formula (4) to form a compound of formula (I), wherein all substitutions are as defined in claim 1,

(c) optionally converting the compound of formula (I) to their pharmaceutically acceptable salts.

5. A pharmaceutical composition comprising a compound according to any of claims 1 to 2 and pharmaceutically acceptable excipients.

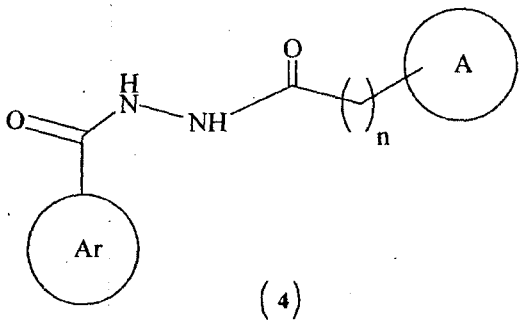
6. The pharmaceutical composition as claimed in claim 5, for the treatment of clinical conditions mediated through 5-HT_4 receptors such as attention deficit hyperactivity disorder, alzheimers disease, cognitive disorders, dementia or schizophrenia.

7. Use of an effective amount of a compound or pharmaceutically acceptable salt thereof according to any one of claims 1 to 2 in the manufacture of a medicament for treating cognitive disorders, dementia, attention deficit hyperactivity disorder, schizophrenia and pain.

8. Use of a compound according to any one of the claims 1 to 2 in the manufacture of medicament for the treatment of diseases related to 5-HT_4 receptors.

9. Use of compound according to the claim 8, for the treatment of clinical conditions such as attention deficit hyperactivity disorder, alzheimers disease, cognitive disorders, dementia or schizophrenia.

in presence of suitable solvent to form a compound of formula (4),



(4)

(b) cyclizing the compound of formula (4) to form a compound of formula (I), wherein all substitutions are as defined in claim 1,

(c) optionally converting the compound of formula (I) to their pharmaceutically acceptable salts.

5. A pharmaceutical composition comprising a compound according to any of claims 1 to 2 and pharmaceutically acceptable excipients.

6. The pharmaceutical composition as claimed in claim 5, for the treatment of clinical conditions mediated through 5-HT_4 receptors such as attention deficit hyperactivity disorder, alzheimers disease, cognitive disorders, dementia or schizophrenia.

7. A method of treating cognitive disorders, dementia, attention deficit hyperactivity disorder, schizophrenia and pain, comprising administering to a patient in need thereof an effective amount of a compound or pharmaceutically acceptable salt thereof according to any one of claims 1 to 2.

8. Use of a compound according to any one of the claims 1 to 2 in the manufacture of medicament for the treatment of diseases related to 5-HT_4 receptors.

9. Use of compound according to the claim 8, for the treatment of clinical conditions such as attention deficit hyperactivity disorder, alzheimers disease, cognitive disorders, dementia or schizophrenia.