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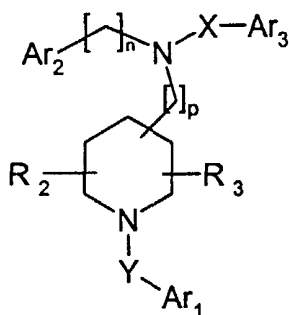
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(54) Title: AMINOPIPERIDINES FOR USE AS GLYT-1 INHIBITORS



(57) Abstract: Described herein are compounds having general formula (I), wherein groups R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub>, Ar<sub>1</sub>, Ar<sub>2</sub>, Ar<sub>3</sub>, X, Y, p and n are as defined in the specification, and a salt, solvate and hydrate thereof. Such compounds inhibit glycine transport (or reuptake) via the GlyT-1 transporter, or are precursors (for example, pro-drugs) of such compounds and, thus, are useful in the treatment of schizophrenia, as well as other CNS-related disorders such as dementia, Alzheimer's disease, attention deficit disorder and depression.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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A61K31/4545 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*&\* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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