Title: METHOD FOR INHIBITING LIPID PEROXIDATION

Abstract: The invention relates generally to the use of N-substituted dopamine derivatives for the treatment of diseases and disorders that involve abnormal lipid peroxidation. This method comprises the administration of a pharmaceutically effective amount of N-acetyldopamine derivatives or N-alkyldopamine derivatives and a pharmaceutically acceptable carrier for treating an animal or human suffering abnormal lipid peroxidation. The N-acetyldopamine derivative or N-alkyldopamine derivatives may be administered alone or in combination with N-acetylserotonin (NAS) to inhibit lipid peroxidation.
## INTERNATIONAL SEARCH REPORT

### A. CLASSIFICATION OF SUBJECT MATTER
- IPC(7) : A61K 31/135
- US CL : 514/649

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)
- U.S. : 514/649

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
- NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
- WEST

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>US 5,578,570 A (GOLDSTEIN et al.) 26 November 1996 (26. 11. 2006), see the entire document.</td>
<td>1-31</td>
</tr>
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</table>

- **A** 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 application or patent published on or after the international filing date
  - "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
  - "O" document referring to an oral disclosure, use, exhibition or other means
  - "P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search: 10 December 2005 (10.12.2005)

Date of mailing of the international search report: 30 JAN 2006

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