Title: COMPOSITION COMPRISING THE EXTRACT OF LORANTHUS YADORIKI SIEB HAVING MONOAMINE OXIDASE-INHIBITING ACTIVITY

Abstract: The present invention is related to the inventive compositions comprising an extract of Loranthus yadoriki, showing potent inhibiting activities on MAO-A as well as MAO-B and DBH through various experiments, i.e., it can be used as the effective and safe therapeutics or health food for treating and preventing a disease involved in monoamine oxidase activity, preferably, depression.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

A61K 36/185(2006.01)i, A61P 25/24(2006.01)i, A61P 25/00(2006.01)i, A23L 2/38(2006.01)i

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)
A61K 36/185; A23L 1/29; A23L 1/216

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKOMPASS (KIPO internal), Google Scholar & Keywords: LORANTHUS YADORIKI SIEB, monoamine oxidase, depression

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>
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</table>

☐ Further documents are listed in the continuation of Box C. ☒ See patent family 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 application or patent but 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 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
  "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to person skilled in the art
  "&" document member of the same patent family

Date of the actual completion of the international search
18 JUNE 2012 (18.06.2012)

Date of mailing of the international search report
20 JUNE 2012 (20.06.2012)

Name and mailing address of the ISA/KR
Korean Intellectual Property Office
Government Complex-Daejeon, 189 Cheongna-ro, Seo-gu, Daejeon 305-701, Republic of Korea
Facsimile No. 82-42-472-7140

Authorized officer
KIM, EUN HEE
Telephone No. 82-42-481-5590

Form PCT/ISA/210 (second sheet) (July 2009)
### Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. **Claims Nos.: 8-9** because they relate to subject matter not required to be searched by this Authority, namely:
   
   Claims 8-9 pertain to a method of inhibiting activity of monoamine oxidase in a subject, comprising administering to the subject a therapeutically effective amount of an extract of Lomanthus yadonki, as an effective ingredient and thus relate to a subject matter which this International Searching Authority is not required, under Article 17(2)(a)(i) of the PCT and Rule 39.1(v) of the Regulations under the PCT, to search.

2. **Claims Nos.:** because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. **Claims Nos.:** because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. **As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.**

2. **As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.**

3. **As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:**

4. **No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims, it is covered by claims Nos.:**

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.
<table>
<thead>
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<th>Patent document cited in search report</th>
<th>Publication date</th>
<th>Patent family member(s)</th>
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<tr>
<td>KR 10-2007-0005317 A</td>
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