Title: NIACIN RECEPTOR AGONISTS, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT

Abstract: The present invention encompasses compounds of Formula (I) as well as pharmaceutically acceptable salts and hydrates thereof, that are useful for treating atherosclerosis, dysliptdemias and the like. Pharmaceutical compositions and methods of use are also included.
INTERNATIONAL SEARCH REPORT

International application No
PCT/US07/08584

A CLASSIFICATION OF SUBJECT MATTER

IPC C07D 335/02 (2006 01), 327/06 (2006 01), A61K 31/381 (2006 01), 31/425 (2006 01)

USPC 546/280 4,549/6,7,514/340,342,438,447

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 546/280 4, 549/6, 7, 514/340, 342, 438, 447,

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 practicable, search terms used)

STN structure, file registry, file caplus

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,P</td>
<td>WO2006125813, (PEKARI et al.) 30 November 2006 (30.11.2006), Teaches RN# 916262-29-9, which are thiophene compounds linked to a hetero ring via an amide. However the het ring is different and the substituents are also different</td>
<td>19</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C

See patent family annex

D

Date of the actual completion of the international search
03 June 2008 (03.06.2008)

Date of mailing of the international search report
04 Aug 2008

Name and mailing address of the ISA/US
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Form PCT/ISA/210 (second sheet) (April 2007)
### Box No. II  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**: 1-1
   - because they relate to subject matter not required to be searched by this Authority, namely

2. **Claims Nos**: 1-8 and 20-26
   - 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
   - Please See Continuation Sheet

3. **Claims Nos**: 2-26
   - because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6-4(a)

### Box No. III  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 additional fees**, this Authority did not invite payment of any additional fees

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**

1. The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee

2. 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

3. No protest accompanied the payment of additional search fees
Continuation of Box II Reason 2:
The various R's, X1-X3 and A has so many variable and permutations and combinations that it is not clear and concise and the meets and bounds of the claims are not discernable. Besides claim 26 is dependent from claim 21 which in turn is dependent from claim 1 and neither of them have any antecedent basis for the DP receptor antagonist