Title: DUAL INHIBITORS OF PDE 7 AND PDE 4

Abstract: Dual inhibitors of PDE7 and PDE4, together with their use to treat leukocyte activation-associated disorders (including transplant rejection, rheumatoid arthritis, inflammatory bowel disease, psoriasis, asthma, chronic obstructive pulmonary disease, lupus and multiple sclerosis), are provided herein.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(7): A61K 31/505, 31/508, 31/514, 31/519, 31/52
US CL: 514/659, 260, 261, 266, 279
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. : 514/659, 260, 261, 266, 279

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]
CAS-on line

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>
</table>

Further documents are listed in the continuation of Box C. See patent family annex.

Date of the actual completion of the international search: 24 AUGUST 2002
Date of mailing of the international search report: 10 OCT 2002

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231
Facsimile No. (703) 305-3290

Authorized officer
PHYLLIS SPIVACK
Telephone No. (703) 305-1255

Form PCT/ISA/210 (second sheet) (July 1998)
PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 49 and 44)

Applicant's or agent's file reference
QA945

FOR FURTHER
ACTION
see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, Item 5 below.

International application No.
PCT/US09/18698

International filing date (day/month/year)
29 APRIL 2009

(Earliest) Priority Date (day/month/year)
01 MAY 2001

Applicant
Bristol-Myers Squibb Company

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

X It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report
   a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
   X the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 25.1(b)).
   b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:
      X contained in the international application in written form.
      X filed together with the international application in computer readable form.
      X furnished subsequently to this Authority in written form.
      X furnished subsequently to this Authority in computer readable form.
      X the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
      X the statement that the information recorded in computer readable form is identical to the written sequence listing has been

2. X Certain claims were found unsearchable (See Box I).
3. X Unity of invention is lacking (See Box II).
4. With regard to the title,
   X the text is approved as submitted by the applicant.
   X the text has been established by this Authority to read as follows:

5. With regard to the abstract,
   X the text is approved as submitted by the applicant.
   X the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

   X as suggested by the applicant.
   X because the applicant failed to suggest a figure.
   X because this figure better characterizes the invention.

None of the figures.

Form PCT/ISA/210 (first sheet) (July 1998)