International Application Published Under the Patent Cooperation Treaty (PCT)

World Intellectual Property Organization
International Bureau

International Publication Date: 27 May 2004 (27.05.2004)

International Publication Number: WO 2004/043339


Priority Data: 60/382,149 20 May 2002 (20.05.2002) US

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Date of publication of the international search report: 22 July 2004

Published: with international search report before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Title: SUBSTITUTED CYCLOALKYL P1 HEPATITIS C VIRUS INHIBITORS

Abstract: The present invention relates to tripeptide compounds, compositions and methods for the treatment of hepatitis C virus (HCV) infection. In particular, the present invention provides novel tripeptide analogs, pharmaceutical compositions containing such analogs and methods for using these analogs in the treatment of HCV infection.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07D 401/12; A61K 31/47
US CL : 546/154; 514/312

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. : 546/154; 514/312

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)
CAS COMPUTER SEARCH

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>WO 99/07733 A2 (BOEHRINGER INGELHEIM (CANADA) LTD) 18 February 1999 (18.02.1999), see entire document.</td>
<td>1-31</td>
</tr>
</tbody>
</table>

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

Date of the actual completion of the international search: 20 April 2004 (20.04.2004)
Date of mailing of the international search report: 27 MAY 2004

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Form PCT/ISA/210 (second sheet) (July 1998)
**INTERNATIONAL SEARCH REPORT**

**Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)**

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

1. **Claim Nos.: 32**
   - because they relate to subject matter not required to be searched by this Authority, namely:
     - Claim 32 is drawn to non-statutory subject matter based on the recitation of the term "use".

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

**Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)**

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

1. **Claim Nos.:**
   - because all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. **Claim Nos.:**
   - because all searchable claims could be searched without effort justifying an additional fee, this Authority did not invoke payment of any additional fee.

3. **Claim Nos.:**
   - because 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. **Claim Nos.:**
   - because 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.
- No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet(1)) (July 1998)