Abstract: This document relates to formulations for combating bacterial infections in animals which provide for improved long-acting oral and injectable formulations for systemic delivery of antibiotics, which are designed to achieve high bioavailability.
A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K9/20 A61K9/08

According to International Patent Classification (IPC) onto both national classification and IPC.

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K

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 practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<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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Further documents are listed in the continuation of Box C

See patent family annex

Date of the actual completion of the international search

28 May 2008

Date of mailing of the international search report

04/06/2008

Name and mailing address of the ISA/

European Patent Office P.B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, TX 31 651 epo nl, Fax (+31-70) 340-3016

Authorized officer

Epskamp, Stefan
### INTERNATIONAL SEARCH REPORT

**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. **X** Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

   Although claim 5 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.

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

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**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:

> see additional sheet

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

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

3. **X** 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.:

   1-10

4. **Box** 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.:

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**Remark on Protest**

- **Box** The additional search fees were accompanied by the applicant’s protest and, where applicable, the payment of a protest fee.

- **Box** 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.

- **X** No protest accompanied the payment of additional search fees.

Form PCT/ISA/210 (continuation of first sheet (2)) (April 2005)
This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5
   A chewable veterinary formulation as defined in claim 1.

2. claims: 6-10
   A tablet veterinary formulation as defined in claim 6.

3. claims: 11-16
   A long-acting injectable formulation as defined in claim 11.
### INTERNATIONAL SEARCH REPORT

**Information on patent family members**

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<td>US 2004037869 A1</td>
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</tr>
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<td>WO 03053420 A</td>
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