(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
4 September 2003 (04.09.2003)

PCT

(10) International Publication Number
WO 2003/072015 A3

(51) International Patent Classification[7]: A01N 43/00, 43/64, 43/38

(21) International Application Number:
PCT/US2002/035342

(22) International Filing Date:
4 November 2002 (04.11.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/337,507 8 November 2001 (08.11.2001) US

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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

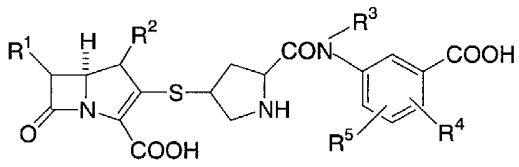
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**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*

(88) Date of publication of the international search report:
22 April 2004

*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.*

(54) Title: COMPOUNDS USEFUL IN THE TREATMENT OF ANTHRAX




(I)

(57) Abstract: This invention relates to a method of inhibiting growth of *Bacillus anthracis*, *Bacillus cereus* and/or *Bacillus thuringiensis* bacterial strains in a mammal comprising administration to a patient in need thereof a therapeutically effective amount of a carbapenem compound. In particular, this invention relates to a method of inhibiting growth of *Bacillus anthracis*, *Bacillus cereus*and/or *Bacillus thuringiensis* bacterial strains in a mammal using compounds having the structural formula (I) or a pharmaceutically acceptable salt, enantiomer, diastereomer or in vivo hydrolysable ester or mixture thereof. This invention further relates to the use of carbapenem compounds of formula I in the treatment of anthrax and other conditions which are related to an anthrax infection.

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# INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/35342

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A01N 43/00, 43/64, 43/38
US CL : 514/183, 359, 408, 410, 412, 413, 414

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. : 514/183, 359, 408, 410, 412, 413, 414

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)
CASONLINE, REGISTRY, HCAPLUS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|---|---|---|
| A<br>---<br>Y | Database HCAPLUS, Accession Number 2002:223478, document Number 136:259865.<br>See abstract and related compound(s). | 2-11<br>---<br>12-18 |
| A<br>---<br>Y | Database HCAPLUS, Accession Number 2002:217073, document Number 136:303501.<br>See abstract and related compound(s). | 2-11<br>---<br>12-18 |

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

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| Date of the actual completion of the international search | Date of mailing of the international search report |
|---|---|
| 13 December 2003 (13.12.2003) | 24 FEB 2004 |
| Name and mailing address of the ISA/US<br>Mail Stop PCT, Attn: ISA/US<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, Virginia 22313-1450<br>Facsimile No. (703)305-3230 | Authorized officer<br>Sabina Qazi<br>Telephone No. 703-308-1235 |

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