

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 May 2002 (02.05.2002)

PCT

(10) International Publication Number
WO 02/034726 A3

(51) International Patent Classification⁷: **C07D 239/62**,
417/12, 413/12, 403/12, 401/12, A61K 31/505, A61P
35/00

(74) Agents: **LUMB, J., Trevor** et al.; c/o Simpson, Alison,
Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G
8ER (GB).

(21) International Application Number: PCT/IB01/01953

(22) International Filing Date: 17 October 2001 (17.10.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/243,314 26 October 2000 (26.10.2000) US

(71) Applicant (for all designated States except US): **PFIZER
PRODUCTS INC.** [US/US]; Eastern Point Road, Groton,
CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NOE, Mark, Carl**
[US/US]; Pfizer Global Research and Development,
Eastern Point Road, Groton, CT 06340 (US). **REITER,
Lawrence, Alan** [US/US]; Pfizer Global Research and
Development, Eastern Point Road, Groton, CT 06340
(US). **WYTHES, Martin, James** [GB/US]; Pfizer Global
Research and Development, Eastern Point Road, Groton,
CT 06340 (US).

(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, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,
ZA, ZW.

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

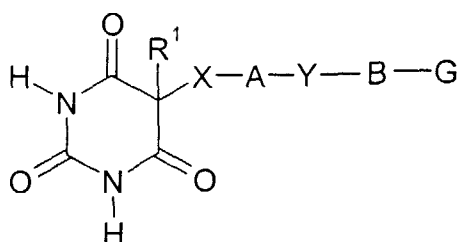
Published:

— with international search report

(88) Date of publication of the international search report:
17 October 2002

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: PYRIMIDINE-2,4,6-TRIONE METALLOPROTEINASE INHIBITORS



(I)

(57) Abstract: The present invention relates to pyrimidine-2,4,6-trione metalloproteinase inhibitors of the formula (I) wherein X, Y, A, B and R¹ are as defined in the specification, and to pharmaceutical compositions and methods of treating inflammation, cancer and other disorders.