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

162162

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
27 December 2001 (27.12.2001)

PCT

(10) International Publication Number
WO 01/98278 A1

(51) International Patent Classification[7]: C07D 239/91, A61K 31/517, A61P 37/02, C07D 239/90, A61P 35/00

(21) International Application Number: PCT/US01/13901

(22) International Filing Date: 27 April 2001 (27.04.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/213,104	21 June 2000 (21.06.2000)	US
09/699,047	24 October 2000 (24.10.2000)	US

(71) Applicant *(for all designated States except US)*: CYTOKINETICS, INC. [US/US]; Suite 2, 280 East Grand Avenue, South San Francisco, CA 94080 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: FINER, Jeffrey, T. [US/US]; 661 Leo Drive, Foster City, CA 94404 (US). BERGNES, Gustav [US/US]; Apt. A6, 3815 Susan Drive, San Bruno, CA 94066 (US). FENG, Bainian [US/US]; 1033 Egret Street, Foster City, CA 94404 (US). SMITH, Whitney, W. [US/US]; 1122 Richmond Street, El Cerrito, CA 94530 (US). CHABALA, John, C. [US/US]; 602 Sherwood Parkway, Mountainside, NJ 07092 (US). MORGANS, David, J., Jr. [US/US]; 781 Vista Grande Avenue, Los Altos, CA 94024 (US).

(74) Agents: BEYER, Steve, D. et al.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

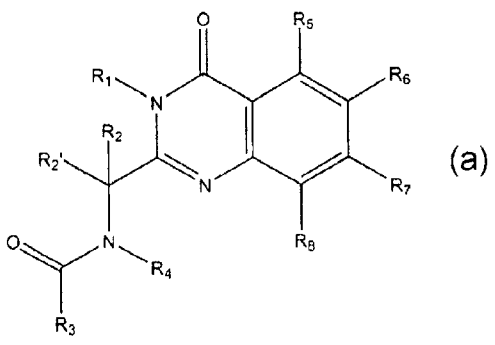
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE,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

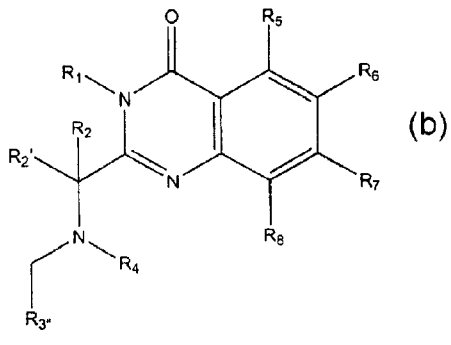
(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,

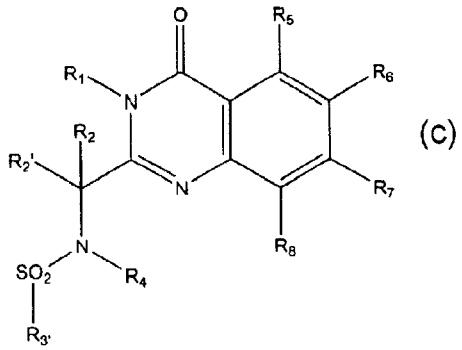
[Continued on next page]

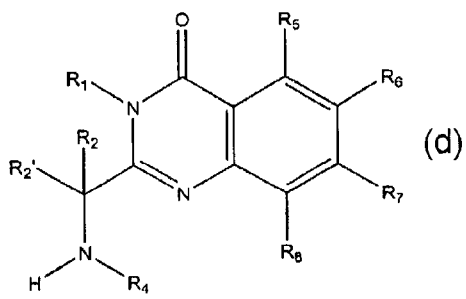
(54) Title: METHODS AND COMPOSITIONS UTILIZING QUINAZOLINONES

G00002









(57) Abstract: Quinazolinones of formulae (a, b, c and d) are disclosed. They are useful for treating cellular proliferative diseases and disorders associated with KSP kinesin activity.

WO 01/98278 A1

IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, 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*

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.