

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
9 August 2001 (09.08.2001)

PCT

(10) International Publication Number
WO 01/57033 A1

(51) International Patent Classification: C07D 409/12,
A61K 31/335, A61P 35/00, C07D 407/12, 305/14

(74) Agents: HEJLEK, Edward, J. et al.; Senniger, Powers,
Leavitt & Roedel, 16th Floor, One Metropolitan Square,
St. Louis, MO 63102 (US).

(21) International Application Number: PCT/US01/03633

(22) International Filing Date: 2 February 2001 (02.02.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/179,793 2 February 2000 (02.02.2000) US

(81) Designated States (national): AE, AL, AM, AT, AU, AZ,
BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK,
DM, 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, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA,
UG, 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, 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 "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(71) Applicant: FLORIDA STATE UNIVERSITY RE-
SEARCH FOUNDATION, INC. [US/US]; 100 Sliger
Building, Mail Code 2763, Tallahassee, FL 32306-2763
(US).

(72) Inventors: HOLTON, Robert, A.; Florida State Univer-
sity Research Foundation, Inc., 100 Sliger Building, Mail
Code 2763, Tallahassee, FL 32306-2763 (US). FANG,
Weishuo; Florida State University Research Foundation,
Inc., 100 Sliger Building, Mail Code 2763, Tallahassee,
FL 32306-2763 (US).



WO 01/57033 A1

(54) Title: C10 CARBAMOYLOXY SUBSTITUTED TAXANES AS ANTITUMOR AGENTS

(57) Abstract: Taxanes having a carbamoyloxy substituent at C(10), a hydroxy substituent at C(7), and a range of C(2), C(9), C(14),
and side chain substituents.