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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :		(11) International Publication Number:
C07D 305/14, A61K 31/335	A1	WO 97/10234
		(43) International Publication Date: 20 March 1997 (20.03.97)

(21) International Application Number: PCT/US96/14631

(22) International Filing Date: 12 September 1996 (12.09.96)

(30) Priority Data:
60/003,575 12 September 1995 (12.09.95) US

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(81) Designated States: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KE, KP, KR, LK, LR, LS, LV, MG, MK, MN, MW, MX, NO, NZ, PL, RO, SD, SG, SI, SK, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: HYDROLYSIS-PROMOTING TAXANE HYDROPHOBIC DERIVATIVES

(57) Abstract

Provided herein is a taxane having a hydrocarbon attached at the 2' and/or 7 positions, the hydrocarbon's alpha position being occupied by a "hydrolysis-promoting group" ("HPG"). Substitution of an HPG for the methylene unit ordinarily occupying the alpha position allows for enhanced *in vivo* hydrolysis of the hydrocarbon-taxane bond, and hence, for enhanced taxane therapeutic activity. Also provided herein are taxane-containing compositions, and methods of administering taxanes to animals, including those afflicted with cancers.