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(21) International Application Number: PCT/US97/12143 (22) International Filing Date: 14 July 1997 (14.07.97) (30) Priority Data: 08/683,687 18 July 1996 (18.07.96) US (71) Applicant (for all designated States except US): THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): MCMORRIS, Trevor, C. [US/US]; 8911 Nottingham Place, LaJolla, CA 92037 (US). (KELNER, Michael, J. [US/US]; 5656 Taft Avenue, LaJolla, CA 92037 (US).) (74) Agent: VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG, ZW), 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: ILLUDIN ANALOGS USEFUL AS ANTITUMOR AGENTS		
(57) Abstract <p>The present invention provides illudin analogs of general formula (I) where R₁ is (CH₂)_n-X-Y or H; n is 0 to 4; X is O or S or N or absent; and Y is an optionally substituted (C₁-C₈)alkyl, (C₆-C₁₀)aryl, (C₆-C₁₀)aryl(C₁-C₄)alkyl or cyclo(C₃-C₆)alkyl optionally comprising one or more heteroatoms; a monosaccharide, an amino acid residue, or H when n is 2-4; R₂ is absent; or R₁ and R₂ together comprise a 5-7-membered cyclic ring; R₃ is (C₁-C₄)alkyl or H; R₄ is H, SCH₂CO₂(C₁-C₄)alkyl, O-(C₅-C₁₂)aryl or -S-(C₅-C₁₂)aryl; R₅ is H, OH or absent; R₆ is (C₁-C₄)alkyl or absent; R₇ is OH or OSi((C₁-C₄)alkyl)₃; or R₆ and R₇ together are ethylenedioxy; R₈ is optionally substituted (C₁-C₄)alkyl; and the bonds represented by ---- are individually present or absent. The invention further provides dimers comprising analogs for formula (I).</p> <div data-bbox="1037 1198 1468 1456"> <p style="text-align: right;">(I)</p> </div>		