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(21) International Application Number: PCT/US98/24819 (22) International Filing Date: 20 November 1998 (20.11.98) (30) Priority Data: 08/975,391 20 November 1997 (20.11.97) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 08/975,391 (CON) Filed on 20 November 1997 (20.11.97) (71) Applicants (for all designated States except US): PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 124 Mount Auburn Street, Cambridge, MA 02138 (US). CHIL- DREN'S MEDICAL CENTER CORPORATION [US/US]; 55 Shattuck Street, Cambridge, MA 02115 (US). ION PHARMACEUTICALS, INC. [US/US]; Suite 4515, 30 Rockefeller Plaza, New York, NY 10112 (US).	(72) Inventors; and (75) Inventors/Applicants (for US only): BRUGNARA, Carlo [US/US]; 33 Aberdeen Street, Newton Highlands, MA 02161 (US). HALPERIN, Jose [AR/US]; 1433 Beacon Street, Brookline, MA 02146 (US). FLUCKIGER, Rudolf [-/US]; 24 Beaconsfield Road, Brookline, MA 02146 (US). BELLOTT, Emile, M., Jr. [US/US]; 4 York Terrace, Beverly, MA 01915 (US). LOMBARDY, Richard, John [US/US]; 21 Moore Lane, Littleton, MA 02146 (US). CLIFFORD, John, J. [US/US]; 38 Roberts Drive, Bedford, MA 01730 (US). GAO, Ying-Duo [CN/US]; 504 Justin Way, Meshanie Station, NJ 08853 (US). HAIDAR, Reem, M. [LB/US]; 6 Westgate Drive, Woburn, MA 01801 (US). KELLEHER, Eugene, W. [IE/US]; 22 MacArthur Street #4, Somerville, MA 02114 (US). MOUSSA, Adel, M. [EG/US]; 34 Newbridge Avenue, Burlington, MA 01803 (US). SACHDEVA, Yesh, P. [US/US]; 324 Hayward Mill Road, Concord, MA 01742 (US). SUN, Minghua [CN/US]; Westgate Apartments #E-6, 290 Vassar Street (US). TAFT, Heather, N. [US/US]; 171 Whitcomb Avenue, Littleton, MA 01460 (US). (74) Agent: HAILE, Lisa, A.; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (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, GD, GE, GH, GM, HR, HU, ID, 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, GM, KE, LS, MW, SD, SZ, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	
(54) Title: SUBSTITUTED DIPHENYL INDANONE, INDANE AND INDOLE COMPOUNDS AND ANALOGUES THEREOF USEFUL FOR THE TREATMENT OR PREVENTION OF DISEASES CHARACTERIZED BY ABNORMAL CELL PROLIFERATION (57) Abstract The present invention provides substituted 3,3-diphenyl indanone, indane and indole compounds, as well as analogues thereof, which are specific, potent and safe inhibitors of mammalian cell proliferation. The compounds can be used to inhibit mammalian cell proliferation <i>in situ</i> as a therapeutic approach towards the treatment or prevention of diseases characterized by abnormal cell proliferation, such as cancer.		