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(54) Title: COLCHINOL DERIVATIVES AS ANGIOGENESIS INHIBITORS

(57) Abstract: The invention related to colchinol derivatives of the formula (I): Wherein: R^1, R^2 and R^3 are each independently hydroxy, phosphoryloxy (-OPO_3H_2), C_{1-4}alkoxy or an in vivo hydrolysable ester of hydroxy, with the proviso that at least 2 of R^1, R^2 and R^3 are C_{1-4}alkoxy; A is -CO-, -C(O)O-, -CON(R^8)- (wherein R^8 is hydrogen, C_{1-4}alkyl, C_{1-3}alkoxyC_{1-3}alkyl, aminoC_{1-3}alkyl or hydroxyC_{1-3}alkyl); a is an integer from 1 to 4 inclusive; R^a and R^b are independently selected from hydrogen, hydroxy and amino; B is -O-, -CO-, N(R^9)CO-, -CON(R^9)-, -N(R^9)C(O)O-, -N(R^9)CON(R^{10})-, -N(R^9)SO_2-, -SO_2N(R^9)- or a direct single blond (wherein R^9 and R^{10} are independently selected from hydrogen, C_{1-4}alkyl, C_{1-3}alkoxyC_{1-3}alkyl,aminoC_{1-3}alkyl and hydroxyC_{1-3}alkyl); b is O or an integer from 1 to 4 inclusive, (provided that when bis O, B is a single direct bond); D is carboxy, sulpho, tetrazolyl, imidazolyl, phosphoryloxy, hydroxy, amino, N-(C_{1-4}alkyl)amino, N,N-di(C_{1-3}alkyl)amino, or of the formula-$Y^1(CH_2)_0R^{11}$ or -NHCH(R^{12})COOH;[wherein Y^1 is a direct single bond, -O-, -C(O)-, -N(R^{13})C(O)- or -C(O)N(R^{13})- (wherein R^{13} is hydrogen, C_{1-4}alkyl,C_{1-3}alkoxyC_{2-3}alkyl, aminoC_{2-3}alkyl or hydroxyC_{2-3}alkyl); e is O or an integer from 1 to 4 inclusive.