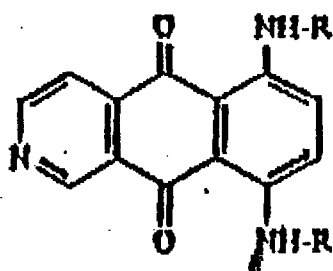


ABSTRACT

A compound according to formula (I):



(I)

wherein R is

C_1 - C_{10} alkyl; phenyl or C_7 - C_{10} aralkyl;

C_2 - C_{10} alkyl substituted with one or two substituents selected from the group consisting of OR_1 and $-NR_2R_3$;

C_2 - C_{10} alkyl interrupted by one or two oxygen atoms or by a member selected from the group consisting of $-NR_4-$, cis $-CH=CH-$, trans $-CH=CH-$ and $-C=C-$, and optionally substituted with one or two hydroxy (OH) or $-NR_2R_3$ groups; and wherein

R_1 is selected from the group consisting of hydrogen, C_1 - C_6 alkyl, phenyl, C_7 - C_{10} aralkyl, $-CHO$, $-COR_5$, $-COOR_5$, $-S(O_2)R_5$ and C_2 - C_6 alkyl optionally substituted with $-NR_2R_3$;

R_2 and R_3 are the same or different and are selected from the group consisting of hydrogen, C_1 - C_{10} alkyl, C_7 - C_{10} aralkyl, phenyl, C_2 - C_{10} alkyl substituted with one or two hydroxy (OH) groups, $-CHO$, $-COR_5$, $-COOR_5$, and $-S(O_2)R_5$, R_2 and R_3 taken together with the nitrogen atom to which they are bound form an ethylenimine ring or a 5- or 6-membered aromatic or non-aromatic heterocyclic ring optionally containing another heteroatom selected from the group consisting of sulfur, oxygen and nitrogen, R_2 is H and R_3 is $-C(=NH)NH_2$ or R_2 is $-C(=NH)NH_2$ and R_3 is H;

R_4 is selected from the group consisting of hydrogen, C_1 - C_{10} alkyl, C_2 - C_{10} hydroxyalkyl, C_2 - C_{10} alkyl substituted with $-NR_2R_3$, C_7 - C_{10} aralkyl, phenyl, $-COR_5$, $-COOR_5$ and $-S(O_2)R_5$;

R_5 is selected from the group consisting of C_1 - C_{10} alkyl, C_7 - C_{10} aralkyl, α -, β -, or γ -naphthyl, phenyl, o-, m-, or p-tolyl as free bases and their salts with pharmaceutically acceptable acids, have been found to have cytostatic and anti-tumor activity.

