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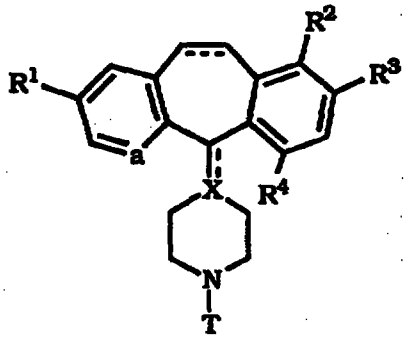
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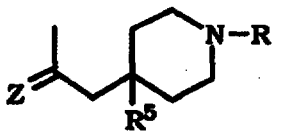
(54) Title: BENZO(5,6)CYCLOHEPTA(1,2B)PYRIDINE DERIVATIVES USEFUL FOR INHIBITION OF FARNESYL PROTEIN TRANSFERASE

(57) Abstract

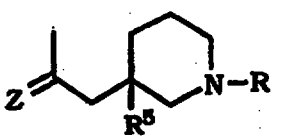
Novel compounds of formula: (1.0) or a pharmaceutically acceptable salt or solvate thereof, wherein: a represents N or NO⁻; R^1 and R^3 are the same or different and each represents halo; R^2 and R^4 are each independently selected from H and halo, provided that at least one of R^2 and R^4 is H; each dotted line (---) represents an optional bond; X is N, C when the optional bond to X is present, or CH when the optional bond to X is absent; T is a substituent selected from (A) or (B): Z represents O or S; R represents $-C(O)N(R^{10})_2$, $-CH_2C(O)N(R^{10})^2$, $-SO_2R^{10}$, $-SO_2N(R^{10})_2$, $-C(O)R^{11}$, $-C(O)-O-R^{11}$, alkyl, aryl, aralkyl, cycloalkyl, heterocycloalkyl or heteroaryl; R^5 represents alkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, cycloalkyl, OR^{12}, $NR^{12}H$, SH, SR^{12}, SOR^{12} (where R^{12} is not H) or SO_2R^{12} (where R^{12} is not H); and each R^{10} independently represents H, alkyl, aryl, or aralkyl; R^{11} is alkyl, aryl, aralkyl, heteroaryl, or heterocycloalkyl; R^{12} is selected from H, alkyl, aryl, aralkyl, heteroaryl, heteroarylalkyl, or heterocycloalkyl. Also disclosed are methods of inhibiting farnesyl protein transferase and methods for treating tumor cells.



(1.0)



(A)



(B)