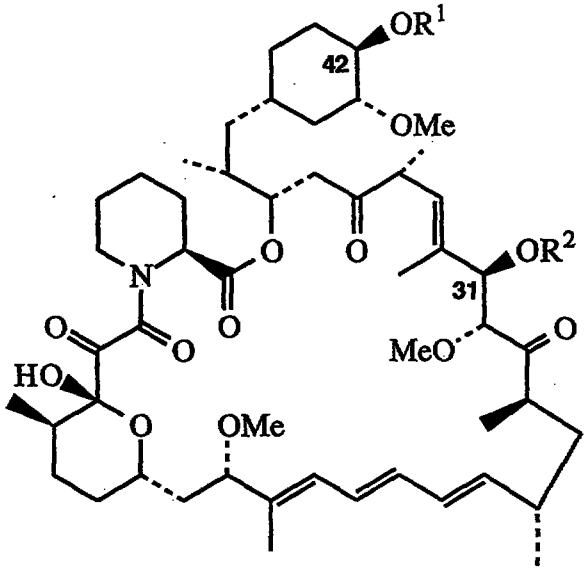
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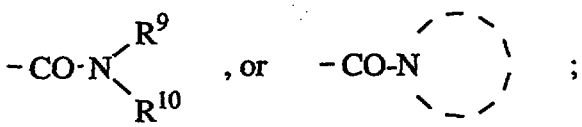
ABSTRACT

CARBAMATES OF RAPAMYCIN

The invention concerns a compound of the structure



wherein R^1 and R^2 are each, independently, hydrogen, -CONH-[$(CR^3R^4)_m$(-A-$(CR^5R^6)_n)_p]_q$ -B;



R^3, R^4, R^5, R^6, R^9 and R^{10} are each defined substitutents, and R^{3-6} may each also represent hydrogen,

B is alkenyl of 2-7 carbon atoms, alkynyl of 2-7 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, alkylthioalkyl of 2-12 carbon atoms, alkylaminoalkyl of 2-12 carbon atoms, dialkylaminoalkyl of 3-12 carbon atoms, -OR^7, -SR^7, -CN, -COR^7, -$CONHR^7$, -OSO_3R^7, -NR^7R^8, -$NHCOR^7$, -$NHSO_2R^7$, or Ar;

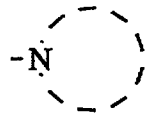
A is -CH_2-, -NR^7-, -O-, -S-, -SO-, -PR^7-, -NHCO-, -NHSO- or -P(O)(R^7)-;

Ar is naphthyl, pyridyl, quinolyl, isoquinolyl, quinoxalyl, thienyl, thionaphthyl, furyl, benzofuryl, benzodioxyl, benzoxazolyl, benzoisoxazolyl, indolyl, thiazolyl, isoxazolyl, pyrimidinyl, pyrazinyl, imidazolyl, benzopyranyl, benz[b]thiophenolyl,

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benzimidazolyl, benzthiazolyl, benzodioxolyl, piperidinyl, morpholinyl, piperazinyl, tetrahydrofuranyl, or pyrrolidinyl; wherein the Ar group may be optionally mono-, di-, or tri- substituted with a group selected from alkyl of 1-6 carbon atoms, arylalkyl of 7-10 carbon atoms, alkoxy of 1-6 carbon atoms, cyano, halo, hydroxy, nitro, carbalkoxy of 2-7 carbon atoms, trifluoromethyl, amino, dialkylamino of 1-6 carbon atoms per alkyl group, dialkylaminoalkyl of 3-12 carbon atoms, hydroxyalkyl of 1-6 carbon atoms, alkoxyalkyl of 2-12 carbon atoms, alkylthio of 1-6 carbon atoms, $-SO_3H$, $-PO_3H$, and $-CO_2H$;



is a nitrogen containing heterocycle that may be saturated, unsaturated, or partially unsaturated, and may be optionally mono-, di-, or tri- substituted with a defined substituent, with the proviso that R^1 and R^2 are not both hydrogen;

$m = 0 - 6$; $n = 0 - 6$; $p = 0 - 1$; $q = 0 - 1$;

or a pharmaceutically acceptable salt thereof which is useful as an immunosuppressive, antiinflammatory, antifungal, antiproliferative, and antitumor agent.

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