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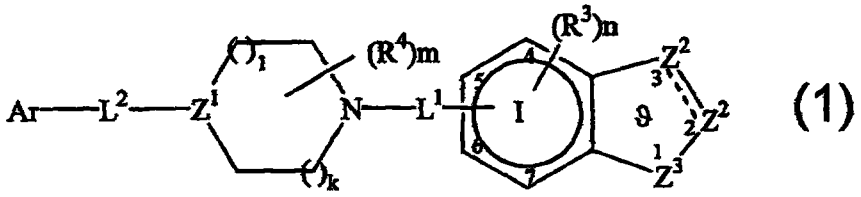
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(54) Title: INDOLE-TYPE DERIVATIVES AS INHIBITORS OF p38 KINASE



(1)

(a)

(57) Abstract: The invention is directed to methods to inhibit p38-α kinase using compounds of formula (1), and the pharmaceutically acceptable salts thereof, or a pharmaceutical composition thereof, wherein (a) represents a single or double bond; one Z^2 is CA or CR^8A and the other is CR^1, CR^1_2, NR^6 or N wherein each R^1, R^6 and R^8 is independently hydrogen or noninterfering substituent; A is $-W_i-COX_jY$ wherein Y is COR^2 or an isostere thereof and R^2 is hydrogen or a noninterfering substituent, each of W and X is a spacer of 2-6Å, and each of i and j is independently 0 or 1; Z^3 is NR^7 or O; each R^3 is independently a noninterfering substituent; n is 0-3; each of L^1 and L^2 is a linker; each R^4 is independently a noninterfering substituent; m is 0-4; Z^1 is CR^5 or N wherein R^5 is hydrogen or a noninterfering substituent; each of l and k is an integer from 0-2 wherein the sum of l and k is 0-3; Ar is an aryl group substituted with 0-5 noninterfering substituents, wherein two noninterfering substituents can form a fused ring; and the distance between the atom of Ar linked to L^2 and the center of the α ring is 4.5-24Å.

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