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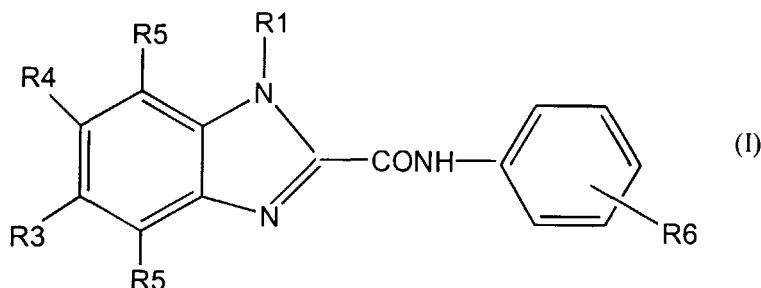
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(54) Title: 2-PHENYLCARBAMOYL-BENZIMIDAZOLES



(57) Abstract: The subject invention relates to compounds having the structure: (I), wherein: (a) R1 is selected from alkyl, aryl, alkoxy, and aryloxy; (b) R3 and R4 are independently selected from hydrogen, halo, alkyl, alkoxy, alkylthio, and alkylamino, but R3 and R4 are not both hydrogen; (c) each R5 is independently selected from hydrogen, halo, cyano, alkyl, hydroxy, alkoxy, thio, alkylthio, amino, and alkylamino;

(d) each R6 is independently selected from hydrogen, halo, nitro, cyano, alkyl, aryl, heterocyclyl, hydroxy, alkoxy, aryloxy, thio, alkylthio, arylthio, amino, alkylamino, arylamino, acyl, alkylacyl, arylacyl, amido, alkylamido, arylamido, sulfonyl, alkylsulfonyl, arylsulfonyl, phosphonyl, alkylphosphonyl, arylphosphonyl, carboxy and its alkyl and aryl esters. The subject compounds are useful for preventing or treating reperfusion injury of a variety of tissues.