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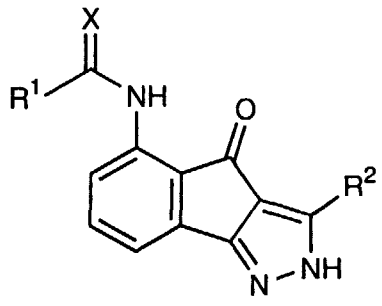
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(54) Title: ACYLSEMICARBAZIDES AS CYCLIN DEPENDENT KINASE INHIBITORS USEFUL AS ANTI-CANCER AND ANTI-PROLIFERATIVE AGENTS



(I)

(57) Abstract: The present invention relates to the synthesis of a new class of indeno[1,2-c]pyrazol-4-ones of formula (I) that are potent inhibitors of the class of enzymes known as cyclin dependent kinases, which relate to the catalytic subunits cdk1-7 and their regulatory subunits know as cyclins A-G. This invention also provides a novel method of treating cancer or other proliferative diseases by administering a therapeutically effective amount of one of these compounds or a pharmaceutically acceptable salt form thereof. Alternatively, one can treat cancer or other proliferative diseases by administering a therapeutically effective combination of one of the compounds of the present invention and one or more other known anti-cancer or anti-proliferative agents.

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