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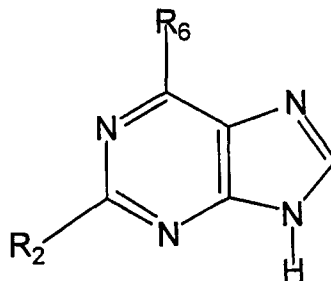
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[56] Reference(s) Cited and/or Considered: NONE

[57] ABSTRACT

Heterocyclic derivatives based on N⁶-substituted adenine of e.g., a formula:



wherein R₂ is hydrogen, R₆ is R₆'-X, X is --NH--, and R₆' is substituted phenyl or substituted benzyl. The derivatives possess anticancer, mitotic, immunosuppressive and antisenescent properties for plant, animal and human cells, and methods of their preparation are disclosed. Included are also pharmaceutical compositions, cosmetic preparations and growth regulators, which contain these derivatives as active compound and the use of these derivatives for the preparation of drugs, cosmetic preparations, in biotechnological processes, in cosmetics and in agriculture.

No. of Claim(s):	6	claim/s	Drawing(s):	10	sheet/s
Multiple Dep. Claim/s :	0	claim/s	Specification and Claim/s:	43	page(s)
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