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THESE COMPOUNDS(57) Abstract: New heterocyclic derivatives based on N⁶-substituted adenine, having anticancer, mitotic, immunosuppressive and
antisenescence properties for plant, animal and human cells and methods of their preparation. 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.

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