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
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Chemistry

A Convenient Synthesis of Some 4-(Alkylamino)-4,5-dihydro-1H-1,2,4-triazol-5-ones

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**Abstract:** A series of 3-alkyl-4-(arylidenamino)-4,5-dihydro-1H-1,2,4-triazol-5-ones, {\bfseries 6-10,} was obtained from the reaction of the corresponding 3-alkyl-4-amino-4,5-dihydro-1H-1,2,4-triazol-5-ones, {\bfseries 1,} with the appropriate aldehydes. 3-alkyl-4-(alkylamino)-4,5-dihydro-1H-1,2,4-triazol-5-ones of type {\bfseries 11-16} were synthesized from the selective reduction of compounds {\bfseries 5-10} with  $\text{NaBH}_4$  in diglyme or DMSO medium as a general and convenient method.

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