SYNTHESIS OF 1,2,4-TRIAZINO[6,5-e]1,2,4-TRIAZINES, 1,2,4-TRIAZINO[6,5-e]-1,2,4-THIADIAZINES and 1,2,4-TRIAZINO[5,6-e]1,2,4-THIADIAZINES

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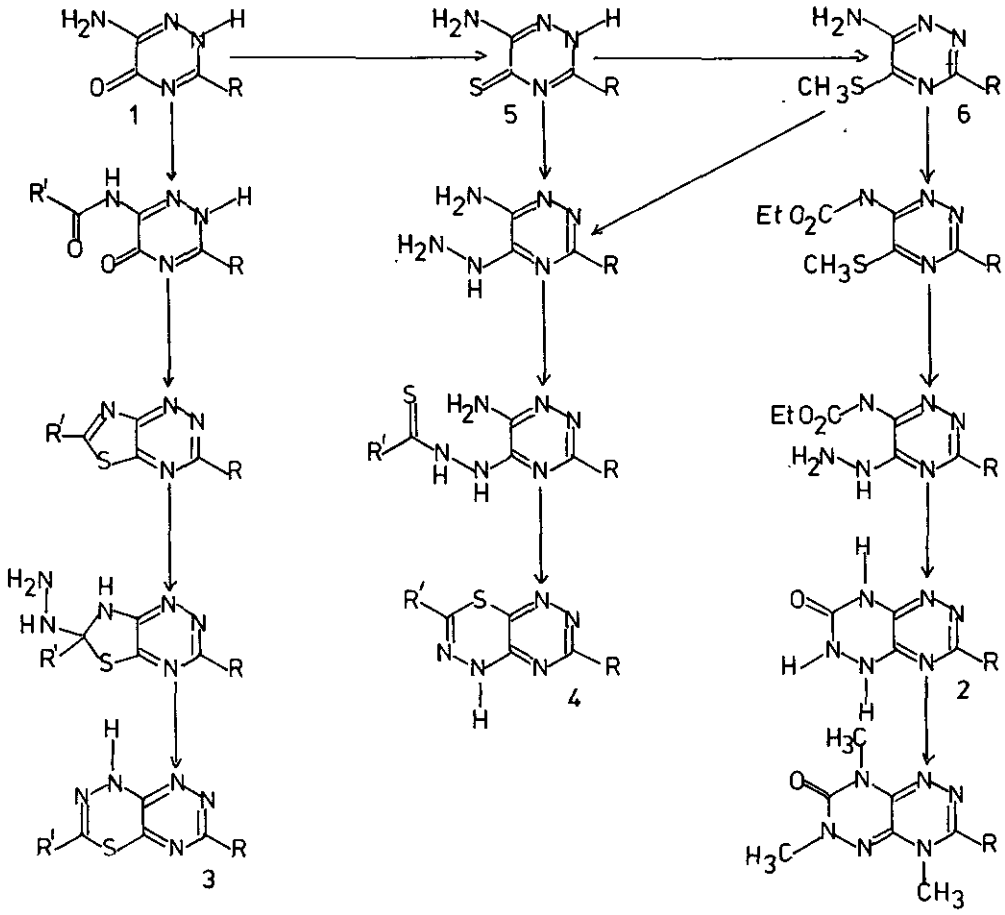
Starting with 6-amino-1,2,4-triazin-5(2H)-ones (1) the unknown heterocyclic systems 1,2,4-triazino[6,5-e]1,2,4-triazines (2), 1,2,4-triazino[6,5-e]1,2,4-thiadiazines (3) and 1,2,4-triazino[5,6-e]1,2,4-thiadiazines (4) were prepared by the given reaction sequences. The intermediates (5) and (6) can be used for the synthesis of other condensed 1,2,4-triazine systems, such as 1,3,5-triazino[2,1-f]-1,2,4-triazines and benzo[e]1,2,4-triazino[6,5-b]1,4-diazepines.