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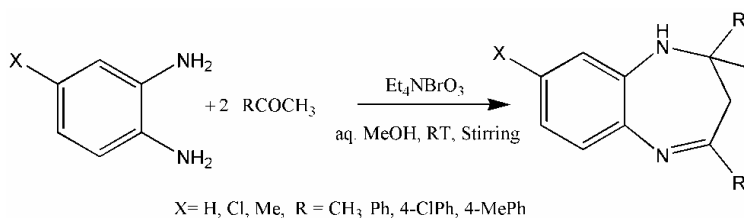
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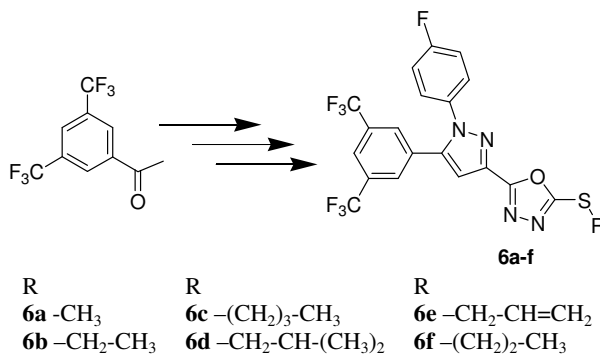
- 1123** **Tetraalkylammonium bromate (TAAB) catalyzed cyclodehydration: A facile synthesis of 2,3-dihydro-1*H*-1,5-benzodiazepine in aqueous methanol** A simple and convenient method is reported for the synthesis of 2,3-dihydro-1*H*-1,5-benzodiazepine from *o*-phenylenediamine and ketones in aqueous methanol using IL, tetraalkylammonium bromate, as the cyclodehydration agent. Reaction at ambient temperature and short time are important features.



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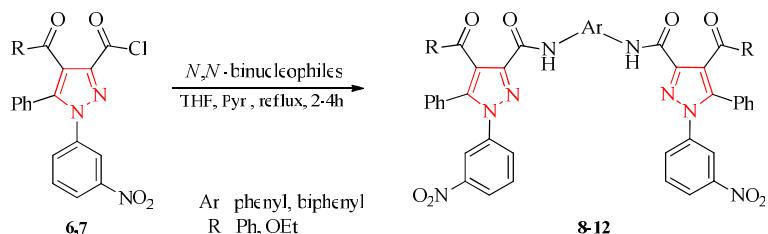
- 1128** **Synergistic antifungal activity of pyrazole thio-oxadiazole derivatives** Synthesis of six pyrazole alkylated thio-oxadiazoles has been carried out and *in vitro* antifungal activity MIC and MFC calculated.



Amar Patil, Rahul Jadhav, Hemant Raundal, Vivek Bobade*, Lokesh Sharma & Rupali Badgujar

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- 1134** **Reactions of some pyrazole-3-carboxylic acids with various *N,N'*-binucleophiles and investigation of their antiproliferative activities** Synthesis, characterization, and antiproliferative activity evaluation of a series of novel pyrazole bis-carboxamide derivatives are reported.



Rahmi Kasımoğulları*, **Makbule Maden**, **Ayşe Şahin Yağlıoğlu**, **Samet Mert** & **İbrahim Demirtaş**

Department of Chemistry, Faculty of Arts and Sciences, Dumlupınar University, 43100 Kutahya, Turkey

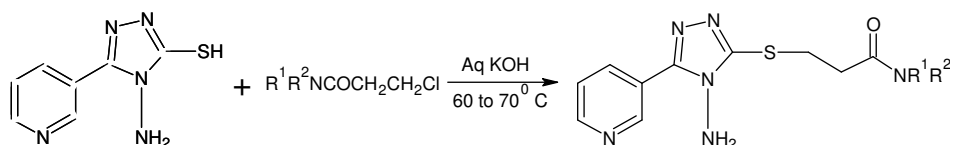
- 1140** **Sodium perchlorate catalyzed synthesis of 2,4,6-trioxo-tetrahydropyrimidin-5(2*H*)-ylidene derivatives as anti-oxidant agents** 2,4,6-Trioxotetrahydropyrimidin-5(2*H*)-ylidene derivatives have been prepared using the chalcones appended to sydnone in presence of Lewis acid catalysts. The reaction mechanism and reactivity of different chalcones have been discussed. Further, the antioxidant property of the newly synthesized compounds have also been studied.

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Notes

- 1149** **Synthesis of some 1,2,4-triazoles as potential anti-tubercular agents** A series of 1,2,4- triazole derivatives are synthesized and evaluated for their anti-tubercular activity



S Vijayaraghavan* & **P Y Shirodkar**

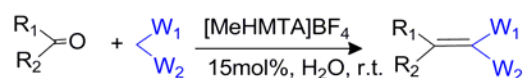
Department of Pharmaceutical Chemistry, C. U. Shah College of Pharmacy, S.N.D.T. Women's University, Santacruz, Mumbai 400 049, India

- 1154** **Synthesis of (S,Z)-5-amino-2-(dibenzylamino)-1,6-diphenylhex-4-en-3-one** L-Phenylalanine taken as a starting material is protected with benzyl chloride and simplified by no charging with ethyl alcohol. Subsequently with the further simplification of skipping the atmospheric distillation of MTBE (methyl *tert*-butyl ether), (S,Z)-5-amino-2-(dibenzylamino)-1,6-diphenylhex-4-en-3-one, the significant intermediate of Ritonavir and Lopinavir, is obtained from cyanidation, Grignard reaction and reduction.

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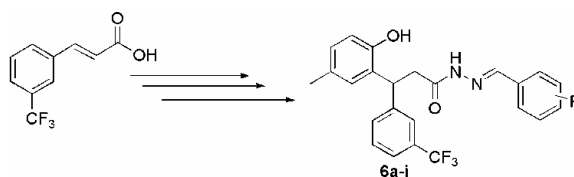
- 1157** **A simple and efficient procedure for the Knoevenagel condensation catalyzed by [MeHMTA]BF₄ ionic liquid** A simple and efficient procedure for the Knoevenagel condensation of various carbonyl compounds with active methylene compounds catalyzed by hexamethylenetetramine-base ionic liquids within short duration is reported.



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- 1162** **Synthesis, characterization and antibacterial activity of some new 3-(3-(trifluoromethyl)-phenyl)-3-(2-hydroxy-5-methylphenyl)-propanehydrazones**



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