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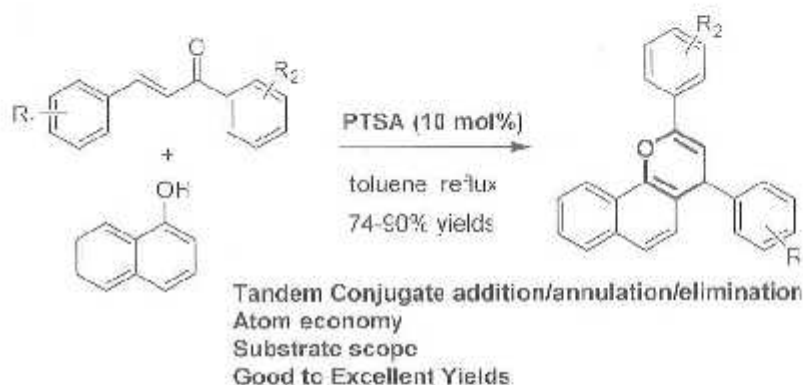
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CONTENTS

Papers

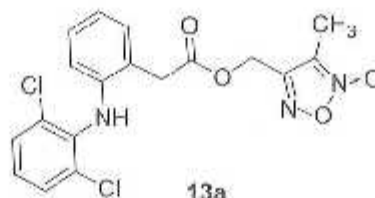
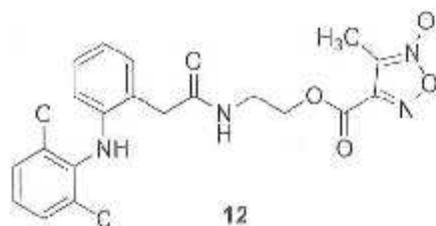
- 983 *p*-TSA catalyzed tandem conjugate addition/annulation/elimination process for the synthesis of 2,4-disubstituted-4*H*-benzo[*f*]chromenes
- A simple and user friendly protocol for the synthesis of biologically important 2,4-diaryl-4*H*-benzo[*f*]chromenes has been described starting from the readily available naphthols and chalcones catalyzed by *p*-TSA. The method proceeds through a tandem conjugate addition followed by cyclization and elimination.



Srinivas Rao Varagola* & Pyare Lal Saini

Department of Chemistry, Central University of Rajasthan, Bandarsindri 305 817, NH-8, Distt Ajmer, India

- 989 Synthesis of furoxan derivatives of diclofenac as potent anti-inflammatory agents with reduced GI toxicity
- A new series of NO donating furoxan derivatives of diclofenac have been synthesized by linking diclofenac to selected furoxan moieties. Among the synthesized compounds 12 and 13a show greater anti-inflammatory activity in comparison to standard drug diclofenac.



Mohd Amir*, Md Wasim Akhter & K Somakala

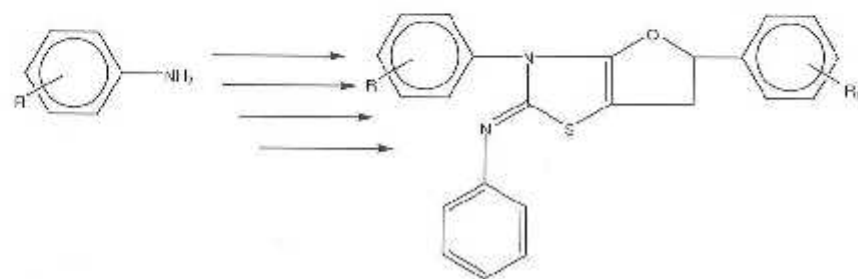
Department of Pharmaceutical Chemistry, Faculty of Pharmacy, Hamdard University, New Delhi 110 062, India

- 999 **Glycerol mediated green and one-pot synthesis of 6-amino-1,4-dihydropyrido[2,3-*c*]pyrazole-5-carbonitriles under catalyst free conditions** A concise, facile and straightforward synthetic protocol has been described for the preparation of 6-amino-1,4-dihydropyrido[2,3-*c*]pyrazole-5-carbonitrile derivatives by a one-pot, three-component reaction of ethyl acetoacetate, hydrazine hydrate, aryl aldehydes and malononitrile in glycerol as a green and reusable reaction media under catalyst free condition.

Rajesh H Vekariya & Hitesh D Patel*

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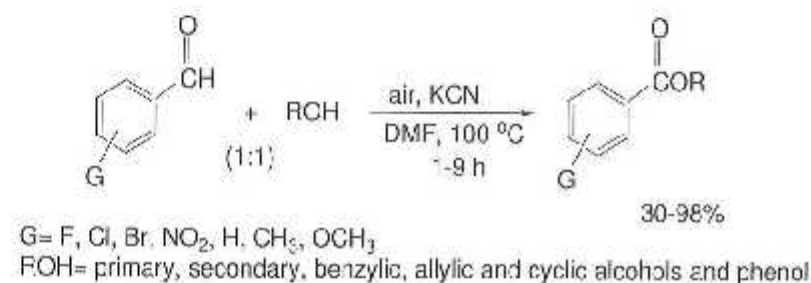
- 1007 **Synthesis of some *N*-(5-phenyl/4-chloro phenyl)-3-substituted-*o*-tolyl-5,6-dihydrofuro[2,3-*d*]thiazol-2(3*H*)-ylidene) imines as potential pesticides** A new series of novel *N*-(5-phenyl/4-chloro phenyl)-3-substituted-*o*-tolyl-5,6-dihydrofuro[2,3-*d*]thiazol-2(3*H*)-ylidene) imines **2a-g** and **3a-g** have been synthesized and evaluated for their pesticidal activity.



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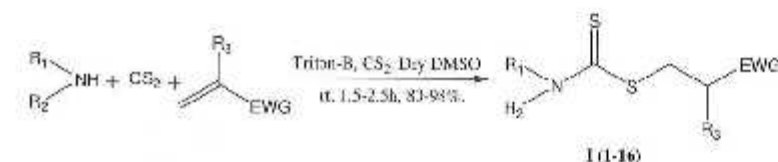
- 1013 **Efficient and selective esterification of aromatic aldehydes with alcohols (1:1) using air as the simplest available oxidant and KCN** A new and efficient method is described for the oxidative esterification of aromatic aldehydes with different types of alcohols using air as the simplest available oxidant and potassium cyanide in DMF under neutral conditions and in high yields.



Ghasem Aghapour* & Maryam Karimzadeh

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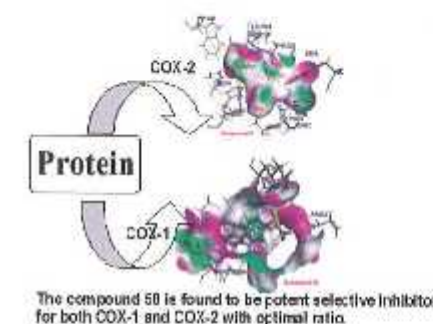
- 1019 **An efficient protocol for the synthesis of β -substituted ethyl dithiocarbamates: A novel class of anti-cancer agents** A novel one-pot method for the synthesis of β -substituted alkyl dithiocarbamates is developed through the Michael addition reaction of dithiocarbamate anion to α,β -unsaturated activated olefins employing catalytic amount of benzyl trimethyl ammonium hydroxide (Triton-B) to afford the desired products in high yields.



Devdutt Chaturvedi*, Sadaf Zaidi, Amit K Chaturvedi, Shagun Vaid & Ajit K Saxena

Department of Applied Chemistry, Amity School of Applied Sciences, Amity University Uttar Pradesh, Lucknow Campus, Lucknow 226 028, India

- 1026 **Computer-aided drug design of optimal ratio selective inhibition of COX-1 and COX-2**

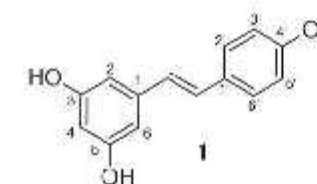


Madhavi M, Ramesh M, Arunapriya L & Parthasarathy T*

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Notes

- 1035 **Synthesis of *trans*-resveratrol using modified Julia olefination route** Synthesis of bioactive hydroxystilbinoid – *trans*-resveratrol [(*E*)-3,5,4'-trihydroxy stilbene, 1] by modified Julia olefination method is described.



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