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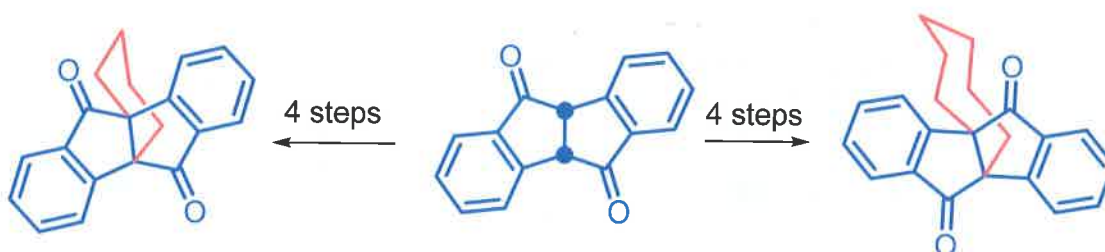
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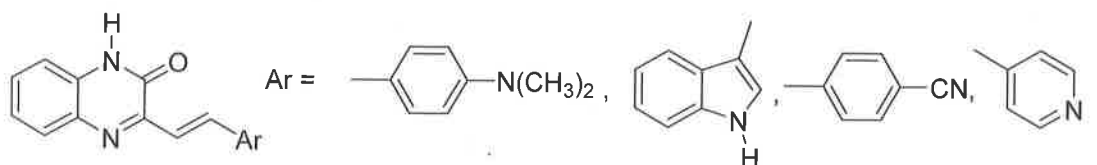
- 1065 Synthesis of indane-based [n.3.3] propellane derivatives *via* ring-closing metathesis



Sambasivarao Kotha* & Ajay Kumar Chinnam

Department of Chemistry, Indian Institute of Technology Bombay, Powai, Mumbai 400 076, India

- 1070 Bipolar styrylquinoxalinone chromophores: Synthesis, optical and electrochemical properties

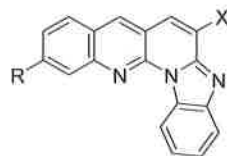


SQ 1-4

Sabir H Mashraqui*, Rupesh Mestri, Aniket Chilekar, Jyoti Upadhyay & Britto Smita

Department of Chemistry, University of Mumbai, Vidyanagari, Santacruz (E), Mumbai 400 098, India

- 1075** **Synthesis and comparative solvatochromic studies of simple and donor acceptor benzimidazole incorporated naphthyridine systems** Based on optical and solvatochromic studies, donor-acceptor, benzimidazole-naphthyridine chromophore, NB-2 revealed red shifted absorption and emission as well as higher dipole moments than NB-1, a system lacking in intramolecular charge transfer interaction.



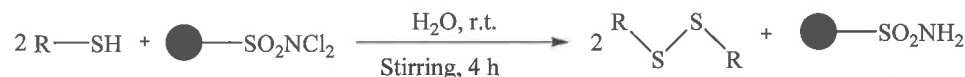
NB-1: R= H, X = H

NB-2: R= , X= -CN

Sabir H Mashraqui*, Smita Britto, Rupesh Mestri, Aniket Chilekar & Jyoti Upadhyay

Department of Chemistry, University of Mumbai, Vidyanagari, Santacruz (E), Mumbai 400 098, India

- 1082** ***N,N*-Dichloropoly(styrene-co-divinylbenzene) sulfonamide beads as an efficient, selective and reusable reagent for oxidation of thiols to disulfides** A new, simple, and efficient method for the oxidation of thiols to disulfides using recyclable *N,N*-dichloro- poly(styrene-co-divinylbenzene) sulfonamide beads (PS-DVB) is reported.

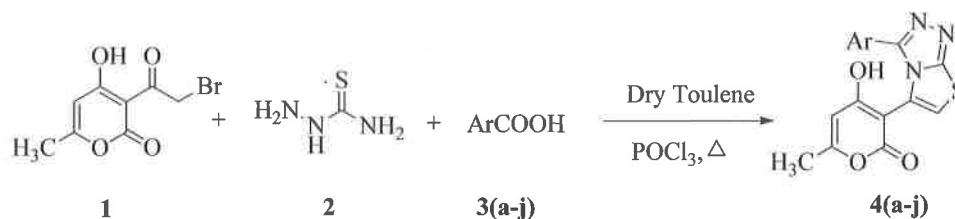


● = PS-DVB Resin

P K Gutch* & Mahabul Shaik

Synthetic Chemistry Division, Defence R & D Establishment, Jhansi Road, Gwalior 474 002, India

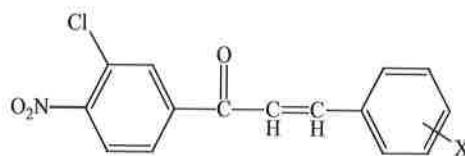
- 1089** **One pot multicomponent synthesis of 4-hydroxy-6-methyl-3-(3-phenylthiazolo[2,3-*c*][1,2,4]triazol-5-yl)-2*H*-pyran-2-ones** An efficient one pot multicomponent reaction for the synthesis of 4-hydroxy-6-methyl-3-(3-phenylthiazolo[2,3-*c*][1,2,4]triazol-5-yl)-2*H*-pyran-2-ones with good to excellent yields has been described. Reaction of 3-(2-bromoacetyl)-4-hydroxy-6-methyl-2*H*-pyran-2-one (1), thiosemicarbazide (2) and various aromatic carboxylic acids (3a-j) in dry toluene and POCl₃ affords 4-hydroxy-6-methyl-3-(3-phenylthiazolo[2,3-*c*][1,2,4]triazol-5-yl)-2*H*-pyran-2-ones.



Bade Thirupaiah, Kodam Sujatha & Vedula Rajeswar Rao*

Department of Chemistry, National Institute of Technology, Warangal 506 004, India

1094 Antimicrobial potent (2E)-3-chloro-4-nitro-phenylchalcones



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