

Indian Journal of Chemistry

Sect. B: Organic Chemistry including Medicinal Chemistry

VOL. 55B

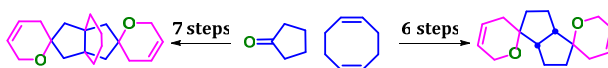
NUMBER 9

September 2016

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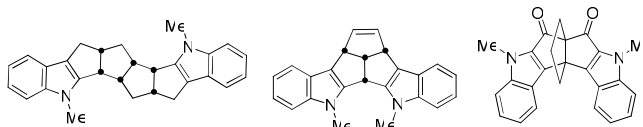
- 1099 Two directional approach to spirocyclic ethers *via* Grignard reaction and ring-closing metathesis



Sambasivarao Kotha* & Rashid Ali

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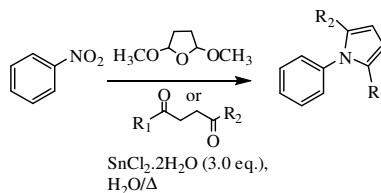
- 1107 Design and synthesis of polycyclic indoles under green conditions *via* Fischer indolization



Sambasivarao Kotha*, Ajay Kumar Chinnam, Nampally Sreenivasachary & Rashid Ali

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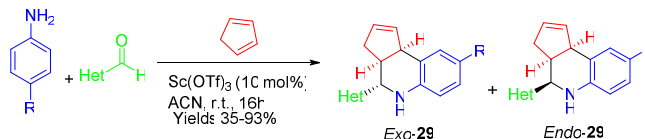
- 1112 A convenient one-pot access to *N*-substituted pyrroles from nitro benzenes under neat aqueous conditions
- A practical and straightforward one-step procedure for the synthesis of *N*-functionalized pyrroles *via* reductive cyclization is described. The simple one-pot reaction is carried out by treating various substituted nitro benzenes with readily available building blocks 2,5-dimethoxy-tetrahydrofuran or γ -diketone in the presence of SnCl_2 under aqueous conditions at 55°C.



D Subhas Bose* & Bingi Srikanth

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- 1117 **Povarov reaction, scope and limitations: Preparation of diversely heterocyclic tetrahydro-1*H*-cyclopenta[*c*]-quinolines**



Patricia Niño, Marta Caba, Nuria Aguilar, Emma Terricabras, Fernando Albericio & Joan-Carles Fernández*

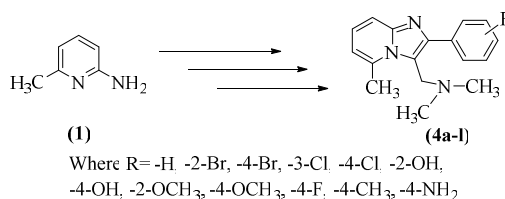
Almirall-Barcelona Science Park Unit, Barcelona Science Park, Baldiri i Reixac 10-12, 08028-Barcelona, Spain

- 1131 **A straight forward synthesis of cyanoguanidines tethered dipeptidomimetics**

Basavaprabhu, Kupendra M Sharanabai, Girish Prabhu, M Krishnamurthy & Vommina V Sureshababu*

109, Peptide Research Laboratory, Department of Studies in Chemistry, Central College Campus, Bangalore University, Dr. B. R. Ambedkar Veedhi, Bangalore 560 001, India

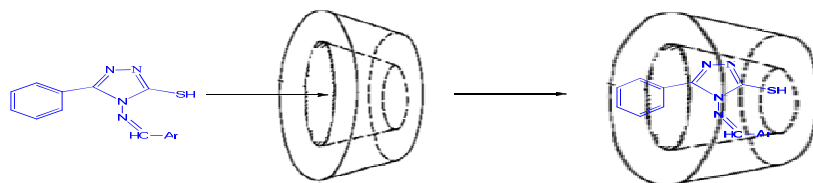
- 1136 **Synthesis of novel *N,N*-dimethyl-1-(5-methyl-2-aryl-imidazo[1,2-*a*]pyridin-3-yl)methanamine derivatives as potential antimicrobial agents** A novel series of *N,N*-dimethyl-1-(5-methyl-2-aryl-imidazo[1,2-*a*]pyridin-3-yl)methanamines **4a-l** have been synthesized by multi-step reactions and characterized by various spectral techniques and also screened for *in vitro* antimicrobial activity.



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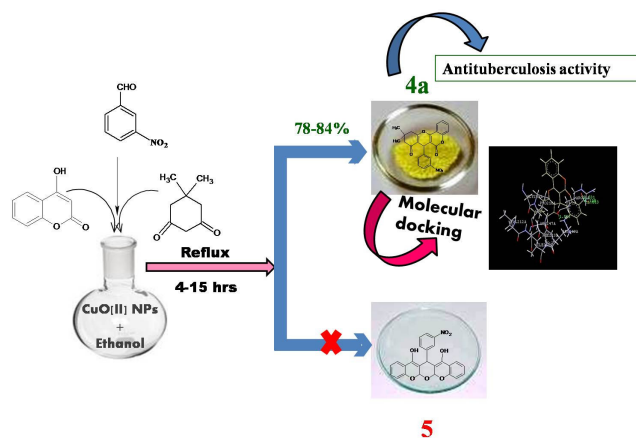
- 1144 **Impact of inclusion complex formation on antibacterial, antioxidant and anthelmintic activities of some 4-arylidenamino-5-phenyl-4*H*-1,2,4-triazole-3-thiols** The inclusion complexes of 4-arylidenamino-5-phenyl-4*H*-1,2,4-triazole-3-thiols have been prepared and their pharmacological activities studied.



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- 1151 Selective synthesis of 10,11-dihydrochromeno[4,3-*b*]chromene-6,8(7*H*,9*H*)-dione using copper oxide nanoparticles for potential inhibitors of β -ketoacyl-[acyl-carrier-protein] synthase III of *Mycobacterium tuberculosis*



Kirti T Patil, L S Walekar, S S Undare, G B Kolekar, Madhukar B Deshmukh, P B Choudhari & Prashant V Anbhule*

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