

**1. A Tribute to Prof. P. T. Narasimhan (PN-490AT)**

*N. Chandrakumar and S. R. Gadre*

Full Text: [PDF \(23K\)](#)

**pp. 1 - 3**

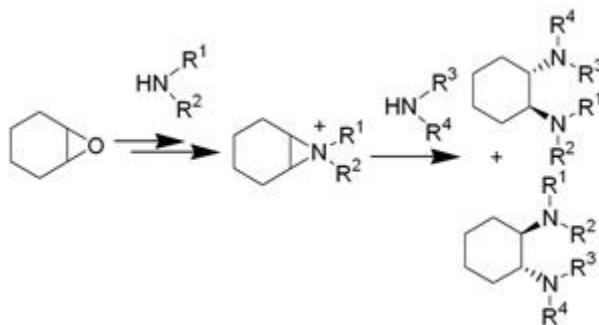
accepted Dec 3 2003; published Dec 18 2003;

**2. Diastereoselective synthesis of *trans*-1,2-diamines via sequential opening of cyclohexene oxide and aziridinium ions (PN-1062AP)**

*Mariappan Periasamy, Muthu Seenivasaperumal, Meduri Padmaja and Vutukuri Dharma Rao*

Full Text: [PDF \(117K\)](#)

**pp. 4 - 11**



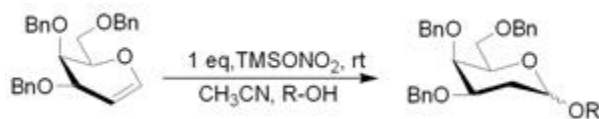
received Jan 28 2004; accepted May 19 2004; published May 22 2004;

**3. Trimethylsilylnitrate: A useful reagent for direct synthesis of 2-deoxy-*O*-glycosides from glycals (PN-1101AP)**

*B. Gopal Reddy and Yashwant D. Vankar*

Full Text: [PDF \(148K\)](#)

**pp. 12 - 19**



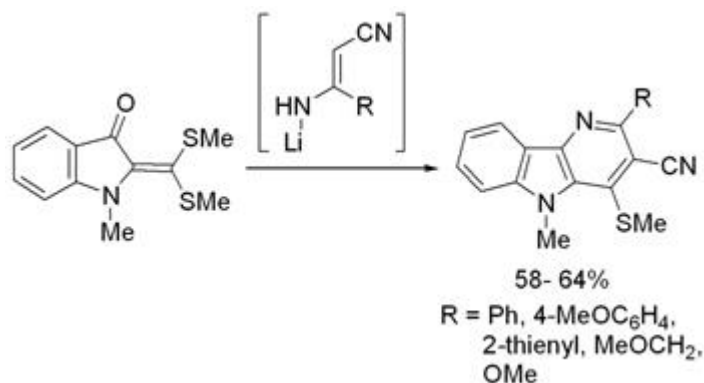
received Mar 3 2004; accepted May 19 2004; published May 22 2004;

**4. Heteroaromatic annulation studies on 2-[bis(methylthio)methylene]-1-methyl-3-oxoindole: synthesis of novel heterocyclo[*b*] fused indoles (PN-1098AP)**

*U. K. Syam Kumar, A. K. Yadav, C. Venkatesh, H. Ila and H. Junjappa*

Full Text: [PDF \(103K\)](#)

pp. 20 - 27



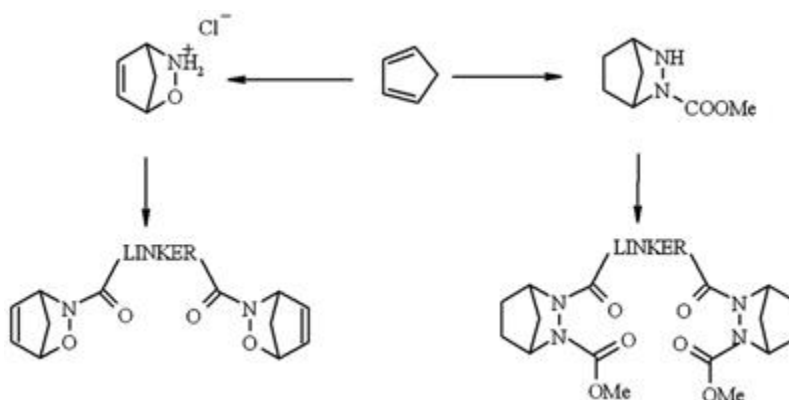
received Mar 18 2004; accepted May 19 2004; published May 22 2004;

**5. One-step transformation of 2-oxa-3-azabicyclo[2.2.1]heptene and 2-carbomethoxy-2,3-diazabicyclo[2.2.1]heptane to ion uptake systems (PN-1083AP)**

*Subramania Ranganathan, Pradeep Cheruku, Madhusudanan K. P and K.S. George*

Full Text: [PDF \(384K\)](#)

pp. 28 - 36



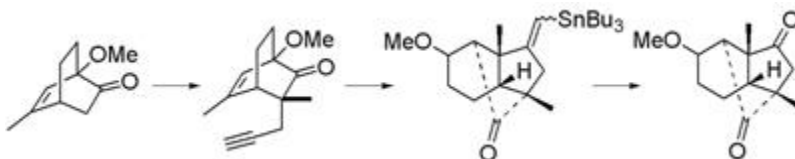
received Feb 18 2004; accepted May 25 2004; published May 28 2004;

**6. Synthetic studies towards the nor-triterpene pfaflac acid: Synthesis of DEF ring fragment *via* tandem radical cyclization rearrangement reactions (PN-1129AP)**

*P. J. Biju, K. Kaliappan and G. S. R. Subba Rao*

Full Text: [PDF \(128K\)](#)

pp. 37 - 45



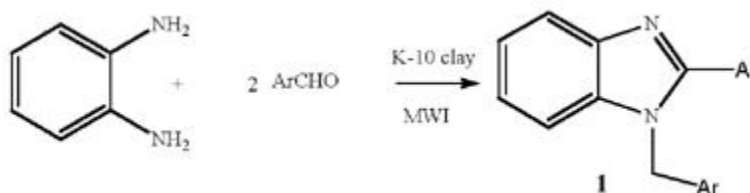
received Apr 22 2004; accepted Jul 27 2004; published Aug 4 2004;

**7. A microwave assisted synthesis of 2-aryl-1-arylmethyl-1*H*-benzimidazoles in the presence of montmorillonite K-10 (PN-1150AP)**

*S. Perumal, S. Mariappan and S. Selvaraj*

Full Text: [PDF \(104K\)](#)

pp. 46 - 51



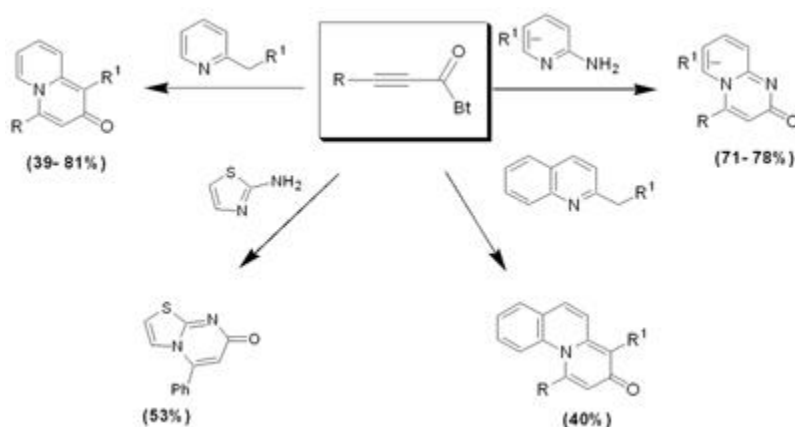
received May 29 2004; accepted Jul 27 2004; published Aug 4 2004;

**8. Novel syntheses of pyrido[1,2-*a*]pyrimidin-2-ones, 2*H*-quinolizin-2-ones, pyrido[1,2-*a*]quinolin-3-ones, and thiazolo[3,2-*a*]pyrimidin-7-ones (PN-1161AP)**

*Alan R. Katritzky, James W. Rogers, Rachel M. Witek and Satheesh K. Nair*

Full Text: [PDF \(165K\)](#)

pp. 52 - 60



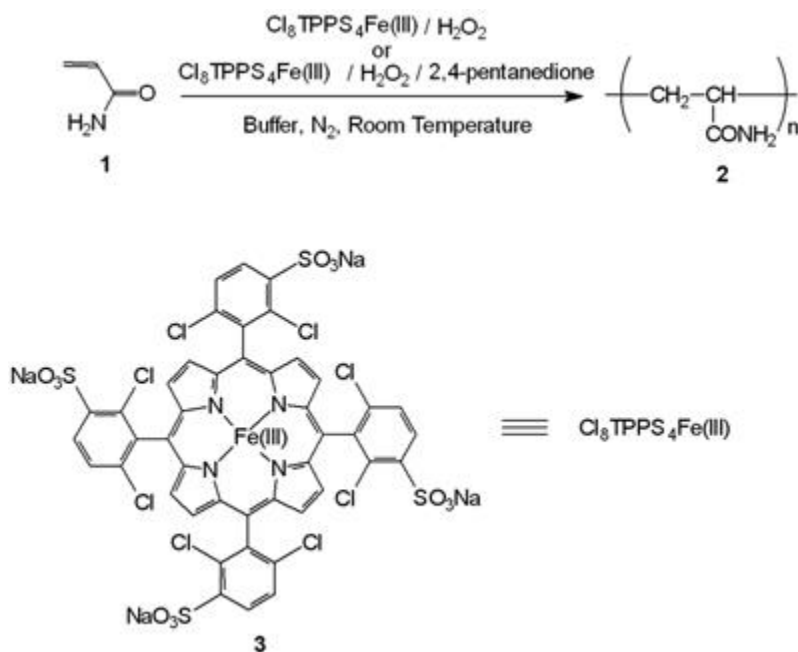
received Jun 23 2004; accepted Aug 31 2004; published Sep 6 2004;

### 9. Biomimetic polymerization of acrylamide with hydrogen peroxide catalyzed by water-soluble anionic iron(III) 5,10,15,20-tetrakis-(2',6'-dichloro-3'-sulfonatophenyl)porphyrin (PN-1102AP)

Chetna Angrish, Shive M. Singh Chauhan

Full Text: [PDF \(174K\)](#)

pp. 61 - 68



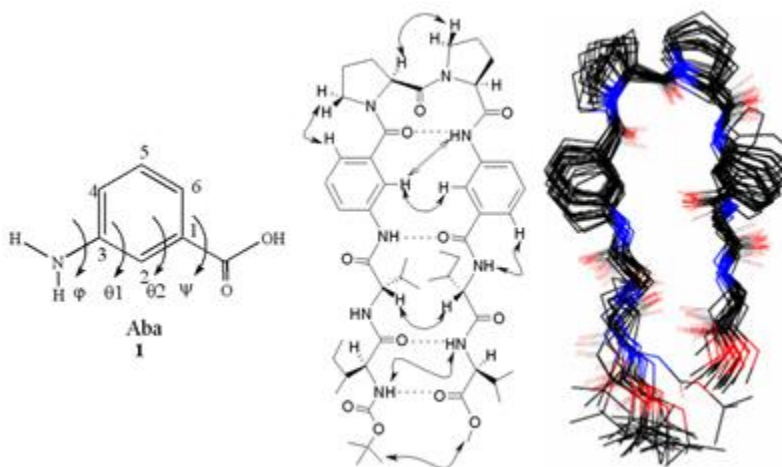
received Mar 17 2004; accepted Oct 28 2004; published Nov 5 2004;

**10.  $\beta$ -Hairpin peptides containing 3-amino benzoic acid, a constrained  $\gamma$ -amino acid (PN-1113AP)**

*G. Srinivasulu, M.H.V. Ramana Rao, S. Kiran Kumar and A. C. Kunwar*

Full Text: [PDF \(520K\)](#)

pp. 69 - 86



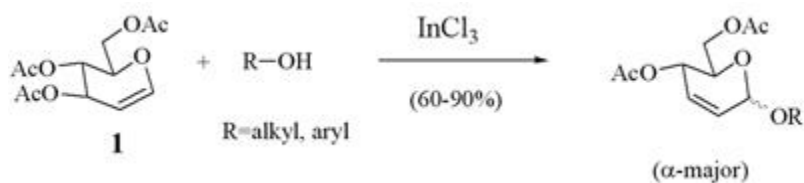
received Apr 1 2004; accepted Oct 28 2004; published Jan 9 2005;

**11. Indium trichloride catalyzed Ferrier rearrangement – Facile synthesis of 2,3-unsaturated glycosides (PN-1099AP)**

*Sobhana Babu B and Balasubramanian K. K*

Full Text: [PDF \(259K\)](#)

pp. 87 - 102



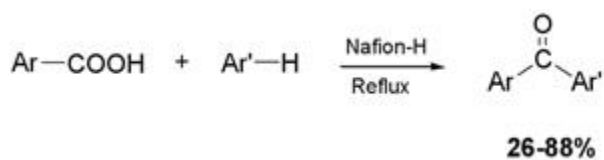
received Mar 19 2004; accepted Jan 8 2005; published Jan 15 2005;

**12. Aroylation of aromatics with aryl carboxylic acids over Nafion-H (polymeric perfluoroalkanesulfonic acid), an environmentally friendly solid acid catalyst (PN-1100AP)**

*G. K. Surya Prakash, Thomas Mathew, Mihirbaran Mandal, Morteza Farnia and George A. Olah*

Full Text: [PDF \(117K\)](#)

pp. 103 - 110



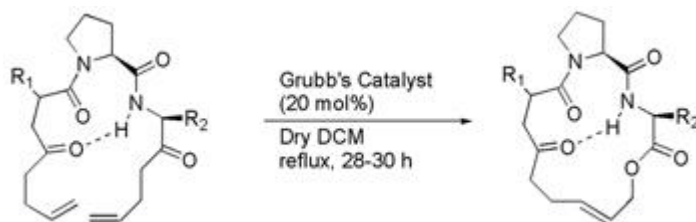
received Feb 21 2004; accepted Jan 8 2005; published Jan 15 2005;

### 13. Synthesis of L-proline derived cyclic $\beta$ -turn mimics via ring closing metathesis (PN-1134AP)

*Rajesh. B.M, Biswadip Banerjee, Madhushree Bhattacharya and Javed Iqbal*

Full Text: [PDF \(131K\)](#)

pp. 111 - 120



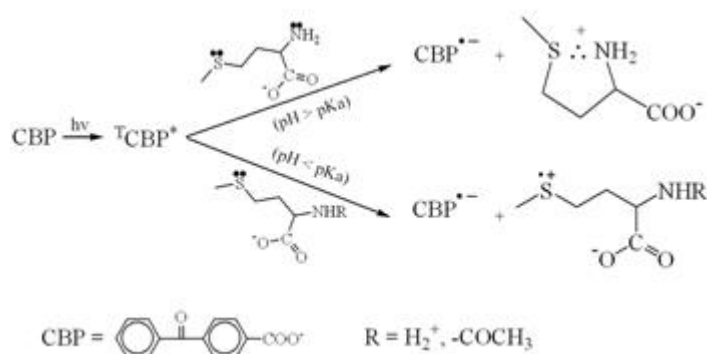
received May 4 2004; accepted Dec 28 2004; published Jan 16 2005;

### 14. Structure and magnetic resonance parameters of the cation-radicals of methionine as studied by the CIDNP magnetic field dependence (PN-1166AP)

*S.E. Korchak, K.L. Ivanov, A.V. Yurkovskaya and H.-M. Vieth*

Full Text: [PDF \(207K\)](#)

pp. 121 - 131



received Jun 27 2004; accepted Dec 29 2004; published Jan 29 2005;

