

Special Issues on Organic Synthesis

List of Contributions

Volume 74

January-February 1994

Number 1

- | | |
|--|---|
| Jesus J. Juarez-Brambila and
Bakthan Singaram | Use of mesityllithium in the α -alkylation reaction of B-alkyl-9-borabicyclo [3.3.1]nonanes |
| Brindaban C. Ranu
Sanjay Bhar
Rupak Chakraborty
Asish Ranjan Das
Manika Saha
Arunkanti Sarkar
Ratna Chakraborti and
Dipak C. Sarkar | Surface-mediated reaction—A powerful technique in organic synthesis. Use of alumina and silica gel as active surface for useful synthetic transformations |
| Pemmaraju N. Rao
C. Kirk Acosta
Dorothy M. Peterson and
Hyun K. Kim | Synthesis of new immunogens for the development of radioimmunoassay of levonorgestrel and its 3-oximes |
| S. Chattopadhyay and
V. R. Mamdapur | Synthesis of chiral insect pheromones |
| Arpita Datta Gupta
Debnath Bhuniya and
Vinod K. Singh | Recent aspects of enantioselective epoxidation reactions |
| Subrata Ghosh and
Subrata Sarkar | Recent developments in the synthesis of taxane diterpenes |
| Sanjay Jain
Rahul Jain
Jujhar Singh and
Nitya Anand | Lactam acetals: Part XXIII. Synthesis of lactam spirocyclic acetals and their use in ω -hydroxy-alkylation reactions |
| Janet A. Gaboury and
Mukund P. Sibi | Synthesis of tetrahydrofuran lignans |
| Mariappan Periasamy
Ch. Kishan Reddy and
J. V. Bhaskar Kanth | Synthetic applications of $BI_3 \cdot N(C_2H_5)_2Ph$ complex |
| A. Srikrishna
K. Krishnan and
S. Nagaraju | A methodology for the synthesis of cyclopentanoic natural products containing two vicinal quaternary carbon atoms |
| Mugio Nishizawa and
Hidetoshi Yamada | Synthesis and structure revision of intensely sweet saponin, osladin |

- M. Pulla Reddy and
M. Nagarajan
- Asmita Mitra
Sujoy Biswas and
R. V. Venkateswaran
- R. S. Mali
Y. T. Bodkhe and
N. V. Gulati
- Sanjay Batra and
A. P. Bhaduri
- D. Basavaiah
T. K. Bharathi and
P. Rama Krishna
- Mukund S. Chorghade and
Elaine C. Lee
- K. Nagarajan
J. Chandrasekharan and
P. J. Rodrigues
- Sujata V. Bhat
- S. K. Paknikar
J. Bhattacharjee and
K. K. Nadkarni
- M. K. Gurjar
G. Vishwanadham and
Laxmi Ghosh
- Pradeep Kumar
Rajiv Kumar and
Bipin Pandey
- Y. Jayamma
E. Nandanam and
B. B. Lohray
- T. K. Sarkar
- Synthesis of 5 α , 8 $\alpha\beta$ -dimethyl and 2, 5 α , 8 $\alpha\beta$ -trimethyl-6 β , 7 β -O-methylethylidene-4 α ,5,6,7,8,8 α -hexahydro-1(4H)-naphthalenones: AB ring precursors for quassinoid synthesis
- Ring opening of cyclobutabenzofuranones with TMSI: Facile formation of benzoxepinenones
- Pentaoxygenated berbines: Total synthesis of (\pm) O-methylcapauridine and (\pm) O,O'-dimethylstephabinamine
- An account of the chemistry of 3,4-disubstituted-5-isoxazolones
- (1R, 2R)-2-Phenoxy-cyclohexan-1-ol as chiral auxiliary: Enantioselective synthesis of frontalin
- Progress of an anti-convulsant drug from discovery to manufacture
- Some observations on the enantio- and diastereo-selective synthesis of 1-substituted-1,2,3,4-tetrahydro isoquinolines
- Synthesis and applications of sulpholenes
- A single-step synthesis of ayapin, limmettin, scoparone, leptodactylone, fraxinol, isoscipoletin, 5,6,7-trimethoxy coumarin and 7-methoxy-8-hydroxy coumarin
- Synthesis of the trisaccharide segment of phenolic glycolipid from *Mycobacterium tuberculosis* (strain Canetti)
- Oxidative organic transformations catalysed by titanium silicate molecular sieves
- Emerging applications of asymmetric dihydroxylation chemistry
- Diastereoselection and diastereofacial selection in 5-(3,4)ene cyclizations: Recent studies and applications in organic synthesis

- B. Gita and
G. Sundararajan
- Vinylidene complexes in organic synthesis
- J. Madhusudana Rao and
T. Bharathi Rao
- Asymmetric synthesis using phase transfer catalysis
- S.K. Nayak
S.M. Kadam
S. Talukdar and
A. Banerji
- Low-valent titanium: New synthetic applications
- Javed Iqbal
Beena Bhatia and
Vibha Khanna
- Cobalt carbonyls: A versatile reagent and catalyst in organic synthesis
- I.N. Narayanan Namboothiri and
S.N. Balasubrahmanyam
- Transformations in bromo- and alkoxy-benzotropones
- T.R. Kasturi and
J.A. Sattigeri
- Chemistry of spirodienones—A brief overview
- H. Mohindra Chawla and
K. Srinivas
- Synthesis of new fluorescent ionophores. First examples of calix-coumarin analogs
- P. Bijoy
Uma Shivkumar and
G.S.R. Subba Rao
- Total synthesis of ring-A aromatic steroids