

ARKIVOC Volume 2005

Part (xi): Commemorative Issue in Honor of Prof. Sambasiva Swaminathan on the occasion of his 80th anniversary

Facilitator: Srinivasan Chandrasekaran

Scientific Editor: Viktor V. Zhdankin

1. A Tribute to Prof. Sambasiva Swaminathan (SS-1402LT)

S.Chandrasekaran and A.Srikrishna

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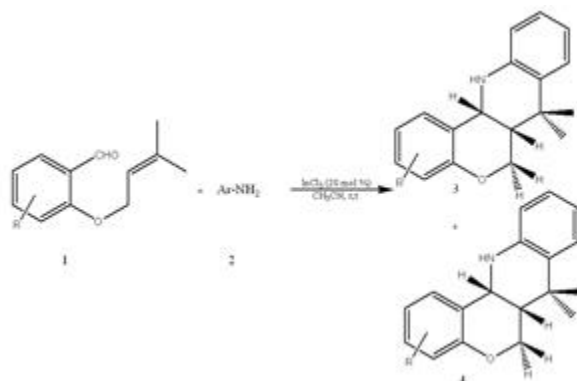
accepted Oct 19 2004; published Oct 22 2004;

2. InCl_3 as an efficient catalyst for intramolecular imino Diels–Alder reactions: Synthesis of tetrahydrochromano quinolines (SS-1197LP)

E. Elamparuthi, M. Anniyappan, D. Muralidharan and Paramasivan T. Perumal

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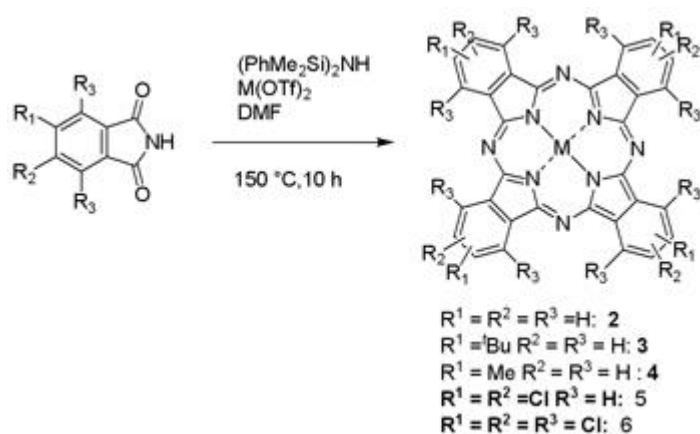
received Jul 14 2004; accepted Oct 7 2004; published Oct 27 2004;

3. Convenient synthesis of phthalocyanines with disilazanes under mild conditions (SS-1198LP)

Hitoshi Uchida, Masanari Mitsui, Paidi Yella Reddy, Shuichi Nakamura and Takeshi Toru

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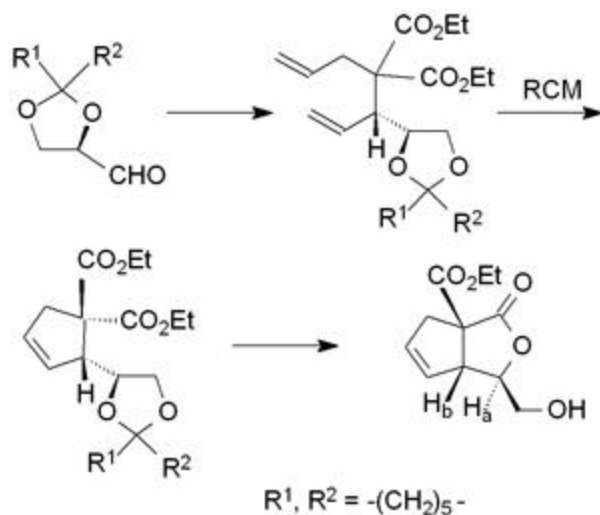
received Aug 27 2004; accepted Oct 8 2004; published Oct 27 2004;

4. An asymmetric route to the construction of the bicyclic framework of marine eicosanoids bacillariolides (SS-1202LP)

Saikat Sinha, Tanurima Bhaumik and Subrata Ghosh

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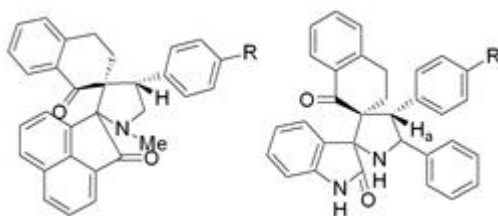
received Aug 31 2004; accepted Oct 14 2004; published Nov 2 2004;

5. A facile entry into a novel class of dispiroheterocycles through 1,3-dipolar cycloaddition (SS-1200LP)

Jayadevan Jayashankaran, Rathna Durga R.S Manian, Raghavachary Raghunathan

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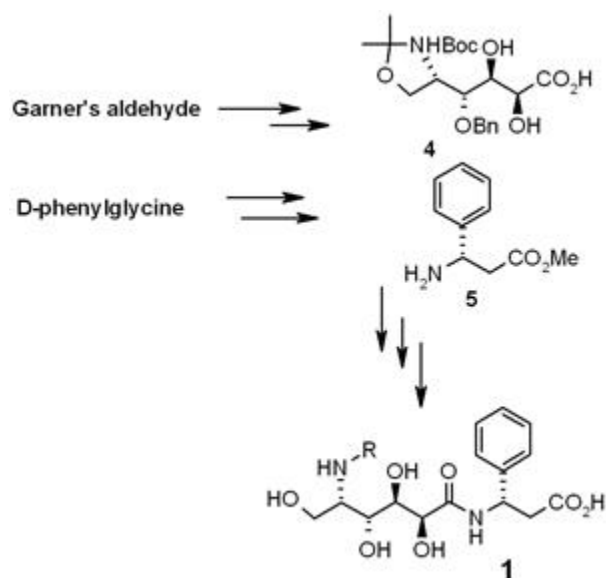
received Aug 30 2004; accepted Oct 28 2004; published Nov 4 2004;

6. Towards the synthesis of pyloricidins, synthesis of (2*S*,3*R*,4*R*,5*S*)-5-amino-2,3,4,6-tetrahydroxyhexanoyl- β -D-phenyl alanine with differential protective groups (SS-1192LP)

S. Chandrasekhar, B. Nagendra Babu, N. Ramakrishna Reddy and L. Chandraiah

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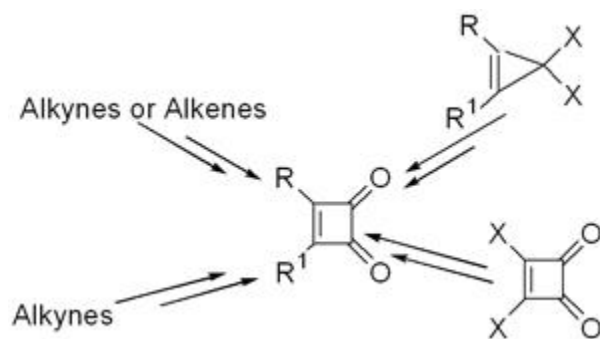
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7. Methods of synthesis of cyclobutenediones (SS-1223LR)

Amere Mukkanti, Mariappan Periasamy

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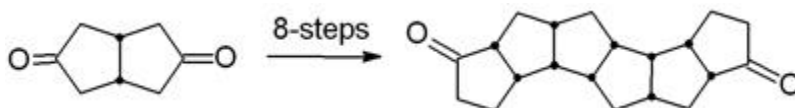
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8. An iterative approach to higher polyquinanes (SS-1196LP)

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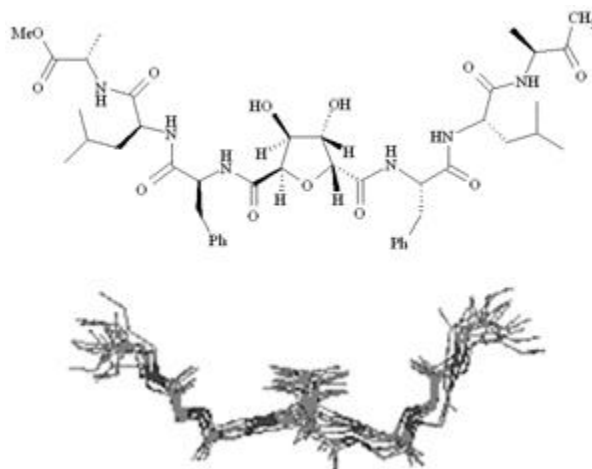
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9. Conformational studies of C_2 symmetric peptidomimetics based on 2,5-anhydro sugar diacid and 2,5-anhydro sugar diamine scaffolds (SS-1194LP)

T. K. Chakraborty, Subhash Ghosh, M. H. V. Ramana Rao and A. C. Kunwar

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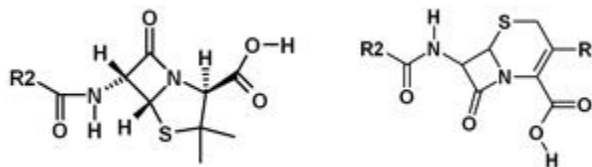
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10. *In silico* ADME modeling: QSPR models for the binding of β -lactams to human serum proteins using genetic algorithms (SS-1201LP)

Narayanan Ramamurthi and Sitarama B Gunturi

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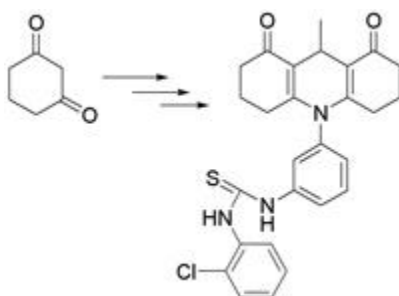
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11. Synthesis and microbial studies of some acridinediones and their thiourea derivatives (SS-1220LP)

T. Josephrajan, V. T. Ramakrishnan, G. Kathiravan and J. Muthumary

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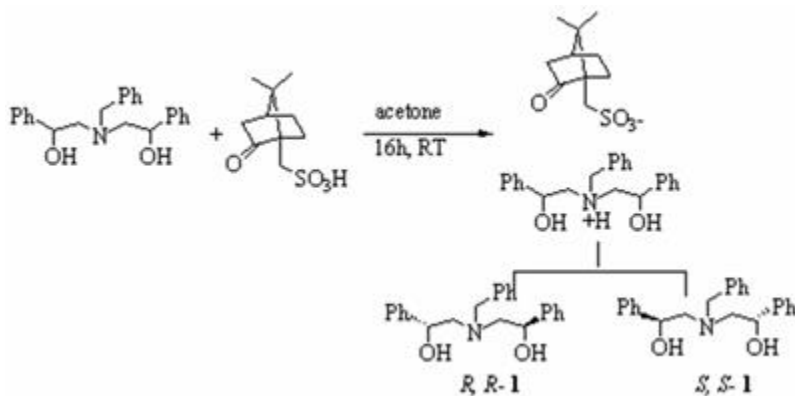
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12. Highly efficient resolution of racemic diethanolamine using chiral camphor-10-sulphonic acid (SS-1235LP)

Neelima D. Tangellamudi, Babu Varghese and Govindarajan Sundararajan

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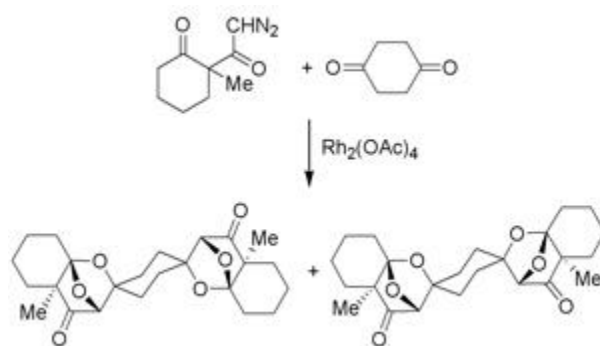
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13. Chemospecific and diastereoselective synthesis of bis-dioxabicyclo[2.2.1]heptanone ring systems (SS-1278LP)

Sengodagounder Muthusamy, Janagiraman Krishnamurthi and Eringathodi Suresh

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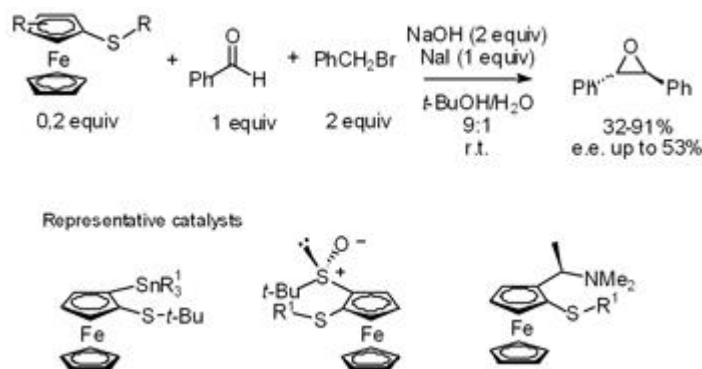
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14. Synthesis of planar chiral ferrocenyl sulfides and evaluation as catalysts for the asymmetric epoxidation of aldehydes (SS-1261LP)

Stéphane Minière, Vincent Reboul, Patrick Metzner

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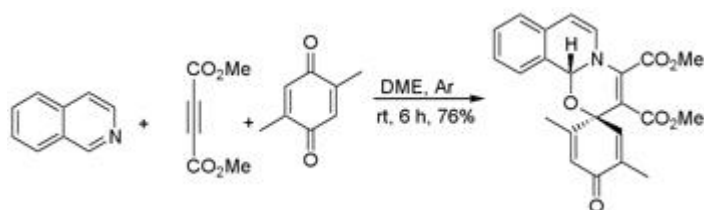
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15. 1,4-Dipolar cycloaddition in organic synthesis: A facile route to isoquinoline fused heterocycles (SS-1279LP)

Vijay Nair, Anakkalil Ramachandran Sreekanth, Narayana Pillai Abhilash, Akkattu Thankappan Nair Biju, Luxmi Varma, Sreemathi Viji and Saumini Mathew

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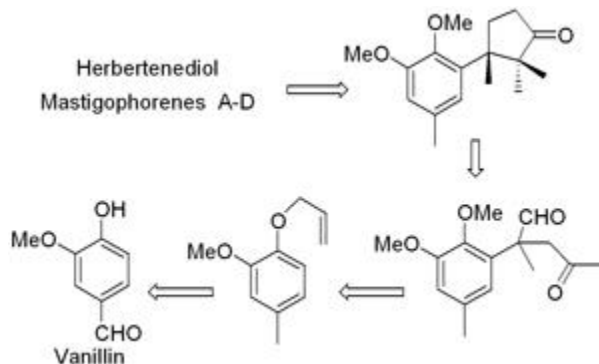
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16. Synthesis of herbertenediol and mastigophorenes A-D (SS-1317LP)

A. Srikrishna and M. Srinivasa Rao

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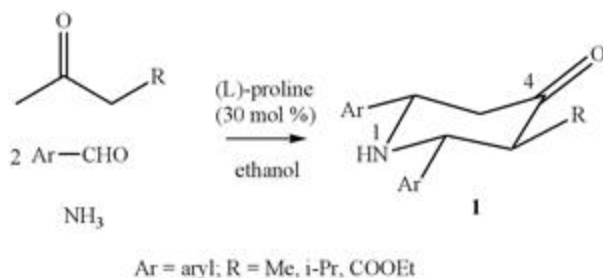
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17. (L)-Proline catalysed efficient synthesis of 3-substituted 2,6-diarylpiperidin-4-ones (SS-1316LP)

M. Srinivasan, S. Perumal and S. Selvaraj

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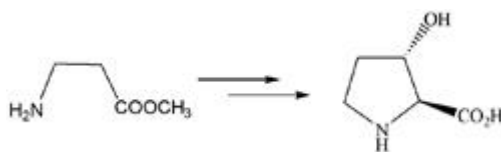
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18. A convenient synthesis of *trans*-3-hydroxy-L-proline (SS-1332LP)

Surajit Sinha, Santosh Tilve and Srinivasan Chandrasekaran

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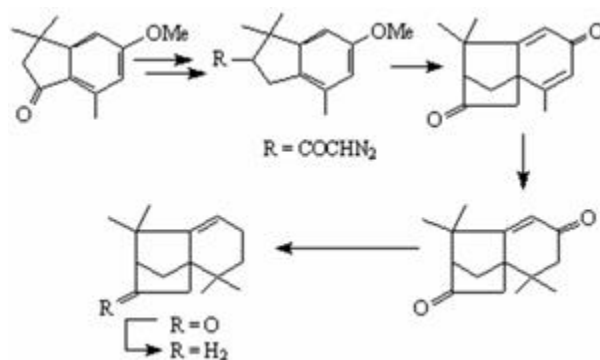
received Jan 3 2005; accepted Feb 16 2005; published Mar 2 2005;

19. A new total synthesis of ($\hat{\Delta}$)-isolongifolene involving an aryl participated diazoketone cyclisation strategy (SS-1358LP)

Arnab Roy, Tapas Paul and Debabrata Mukherjee

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