ARKIVOC Volume 2012

Part (i): Special Issue 'Reviews and Accounts'

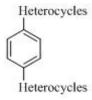
Scientific Editor: Viktor V. Zhdankin

1. Synthesis of 1,4-phenylene bridged bis-heterocyclic compounds (12-6538LR)

Raafat M. Shaker

Full Text: PDF (1,210K)

pp. 1 - 44



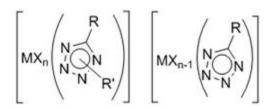
received Apr 21 2011; accepted Jul 28 2011; published Nov 1 2011;

2. Advances in synthesis of tetrazoles coordinated to metal ions (12-6682LR)

Elena Aleksandrovna Popova, Rostislav E. Trifonov and Vladimir A. Ostrovskii

Full Text: PDF (988K)

pp. 45 - 65

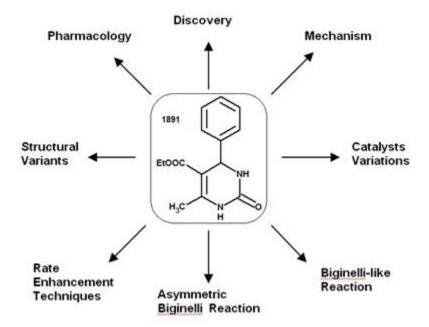


received Jun 16 2011; accepted Jul 29 2011; published Nov 6 2011;

3. Past, present and future of the Biginelli reaction: a critical perspective (12-6573LR)

Suresh and J. S. Sandhu Full Text: PDF (1,031K)

pp. 66 - 133



received May 3 2011; accepted Jul 13 2011; published Dec 2 2011;

4. Progress in the intermolecular pinacol cross coupling methodologies (12-6734LU)

Bruna S. Terra and Fernando Macedo Jr.

Full Text: PDF (336K)

pp. 134 - 151

received Jun 30 2011; accepted Oct 8 2011; published Dec 11 2011;

5. 2-Amino-2-alkyl(aryl)propanenitriles as key building blocks for the synthesis of five-membered heterocycles (12-7030LR)

Pavel Drabina and Miloš SedlÃjk

Full Text: PDF (552K)

pp. 152 - 172

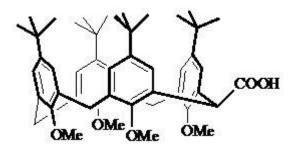
received Oct 19 2011; accepted Jan 16 2012; published Feb 6 2012;

6. Syntheses and reactivity of calixarenes functionalized at meso positions (12-6776LR)

Wanda Sliwa and Malgorzata Deska

Full Text: PDF (506K)

pp. 173 - 210



received Jul 18 2011; accepted Oct 14 2011; published Feb 23 2012;

7. 2-Chloroquinoline-3-carbaldehydes: synthesis, reactions and applications (12-7051LR)

Bakr F. Abdel-Wahab, Rizk E. Khidre, Abdelbasset A. Farahat and Abdel-Aziz Sayed El-Ahl

Full Text: PDF (1,454K)

pp. 211 - 276

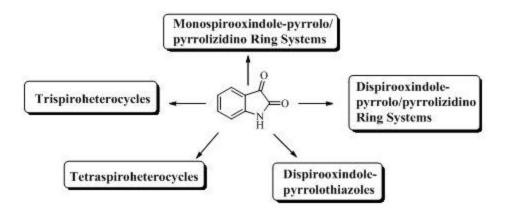
received Oct 24 2011; accepted Dec 29 2011; published Apr 21 2012;

8. Synthesis of heterocyclic compounds based on isatin through **1,3**-dipolar cycloaddition reactions (12-7364LR)

Negar Lashgari and Ghodsi Mohammadi Ziarani

Full Text: PDF (1,191K)

pp. 277 - 320



received Mar 14 2012; accepted May 9 2012; published May 20 2012;

9. Recent trends in whole cell and isolated enzymes in enantioselective synthesis (12-6900LR)

Sinéad E. Milner and Anita R. Maguire

Full Text: PDF (1,963K)

pp. 321 - 382



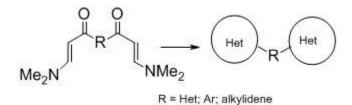
received Sep 7 2011; accepted Oct 11 2011; published May 20 2012;

10. Bis-enaminones as versatile precursors for terheterocycles:synthesis and reactions (12-7147LR)

Ahmad Sami Shawali

Full Text: PDF (427K)

pp. 383 - 431



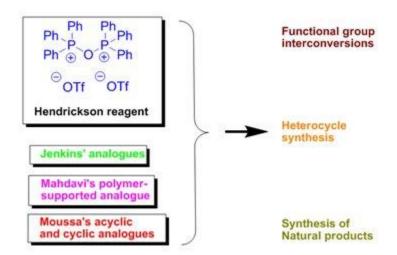
received Dec 7 2011; accepted Apr 14 2012; published May 21 2012;

11. The Hendrickson Â'POPÂ' reagent and analogues thereof: synthesis, structure, and application in organic synthesis (12-7211LR)

Ziad Moussa

Full Text: PDF (967K)

pp. 432 - 490



received Dec 31 2011; accepted Feb 18 2012; published Jul 1 2012;

12. Synthesis and applications of bipyrazole systems (12-7227LR)

Bakr F. Abdel-Wahab and Kamal M. Dawood

Full Text: PDF (1,263K)

pp. 491 - 545



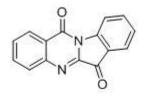
received Jan 8 2012; accepted Feb 26 2012; published Jul 8 2012;

13. The chemistry of tryptanthrin and its derivatives (12-7354LR)

Ashli M. Tucker and Peter Grundt

Full Text: PDF (1,057K)

pp. 546 - 569



Tryptanthrin

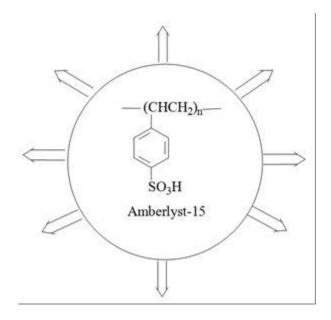
received Mar 8 2012; accepted Apr 13 2012; published Jul 29 2012;

14. Amberlyst-15 in organic synthesis (12-7325LR)

Rammohan Pal, Taradas Sarkar and Shampa Khasnobis

Full Text: PDF (628K)

pp. 570 - 609



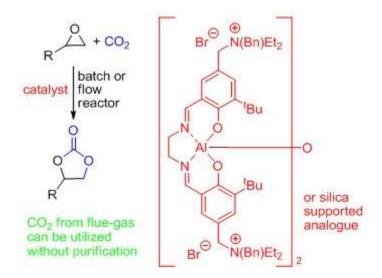
received Feb 22 2012; accepted Apr 13 2012; published Jul 29 2012;

15. Synthesis of cyclic carbonates from epoxides and carbon dioxide using bimetallic aluminum(salen) complexes (12-7669LU)

Michael North

Full Text: PDF (669K)

pp. 610 - 628



received Jul 19 2012; accepted Aug 23 2012; published Sep 30 2012;