ARKIVOC Volume 2011

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

Scientific Editor: Viktor V. Zhdankin

1. Synthesis of enantioenriched sulfoxides (11-5768LR)

Graham E. OÂ'Mahony, Padraig Kelly, Simon E. Lawrence, and Anita R. Maguire

Full Text: PDF (2,058K)

pp. 1 - 110

$$R^{1}$$
, $S_{R^{2}}$ \longrightarrow R^{1} , $S_{R^{2}}$

received Aug 20 2010; accepted Nov 23 2010; published Mar 12 2011;

2. Recent advances on the synthesis of azoles, azines and azepines fused to benzimidazole (11-6027LR)

Kamal M. Dawood, Nehal M. Elwan and Bakr F. Abdel-Wahab

Full Text: PDF (2,469K)

pp. 111 - 195

 $R = H, NH_2$ alkyl, CH_2Y ; $Y = Cl, CN, CO_2Et, COPh, OH, Ph, Me$

received Nov 3 2010; accepted Feb 20 2011; published May 22 2011;

3. Pyrazole-3(4)-carbaldehyde: synthesis, reactions and biological activity (11-6405LR)

Bakr F. Abdel-Wahab, Rizk E. Khidre and Abdelbasset A. Farahat

Full Text: PDF (1,176K)

pp. 196 - 245

$$R^2$$
 Ph Ph R^2 CHO R^1 R^2 R^2

received Mar 6 2011; accepted May 6 2011; published May 30 2011;

4. Preparation of α , β -unsaturated trifluoromethylketones and their application in the synthesis of heterocycles (11-6242LR)

Valentine G. Nenajdenko and Elizabeth S. Balenkova

Full Text: PDF (1,716K)

pp. 246 - 328

received Jan 7 2011; accepted Apr 10 2011; published Jun 26 2011;

5. Ring expansions of 1-azabicyclo[n.1.0]alkanes. Recent developments (11-6203LR)

Dmytro O. Tymoshenko

Full Text: PDF (471K)

pp. 329 - 345

$$(N_{R})^{n}$$
 $(N_{R})^{n}$ $(N_{R})^{n}$

received Dec 22 2010; accepted May 29 2011; published Aug 1 2011;

6. Synthesis, reactions and biological activity of 11-azaartemisinin and derivatives (11-6503LR)

Jo Alen, Bich Ngan Truong, Van Hung Nguyen and Wim Dehaen

Full Text: PDF (746K)

pp. 346 - 369

received Apr 9 2011; accepted Jun 26 2011; published Sep 23 2011;

7. Iodonium salts in organic synthesis (11-6760LR)

Mekhman S. Yusubov, Andrey V. Maskaev and Viktor V. Zhdankin

Full Text: PDF (785K)

pp. 370 - 409



R = aryl, alkenyl, alkynyl, fluoroalkyl

received Jul 12 2011; accepted Aug 18 2011; published Sep 23 2011;

8. Oxidation of oximes with hypervalent iodine reagents: opportunities, development, and applications (11-6795LU)

Charles Dylan Turner and Marco A Ciufolini

Full Text: PDF (615K)

pp. 410 - 428

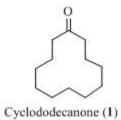
received Jul 29 2011; accepted Aug 21 2011; published Sep 23 2011;

9. Reactivity features of cyclododecanone (11-6378LR)

Hanafi H. Zoorob, Mohamed S. Elsherbini and Wafaa S. Hamama

Full Text: PDF (1,171K)

pp. 429 - 495



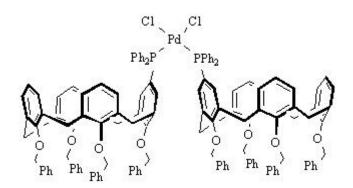
received Feb 25 2011; accepted Jun 14 2011; published Oct 9 2011;

10. Functionalization reactions of calixarenes (11-6514LR)

Wanda Sliwa and Malgorzata Deska

Full Text: PDF (1,582K)

pp. 496 - 551



received Apr 12 2011; accepted Jun 8 2011; published Oct 30 2011;