ARKIVOC Volume 2014

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

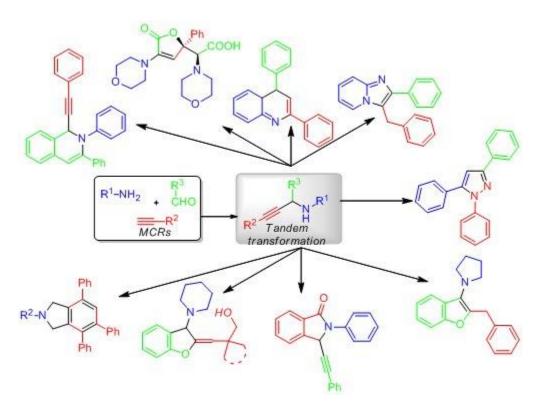
Scientific Editor: Viktor V. Zhdankin

1. Recent advances on diversity oriented heterocycle synthesis via multicomponent tandem reactions based on A³ coupling (14-8183LR)

Yunyun Liu

Full Text: PDF (235K)

pp. 1 - 20



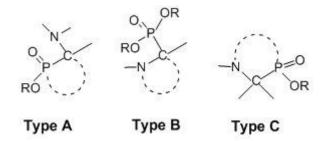
received May 4 2013; accepted Aug 7 2013; published Oct 6 2013;

2. Synthetic methods of cyclic α -aminophosphonic acids and their esters (14-8189LR)

Tarik E. Ali

Full Text: PDF (859K)

pp. 21 - 91



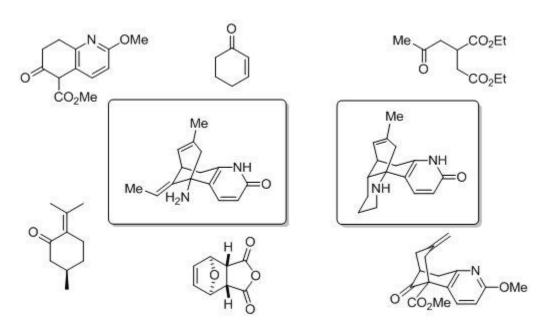
received May 8 2013; accepted Aug 2 2013; published Oct 6 2013;

3. Synthetic approaches towards huperzine A and B (14-8313LR)

Shariar Md. Abu Sohel and Till Opatz

Full Text: PDF (1,548K)

pp. 92 - 108



received Jul 10 2013; accepted Aug 16 2013; published Oct 29 2013;

4. Xenon difluoride in the organic laboratory: a tale of substrates, solvents and vessels (14-8436LU)

Christopher Antony Ramsden

Full Text: PDF (207K)

pp. 109 - 126

received Sep 24 2013; accepted Oct 29 2013; published Dec 17 2013;

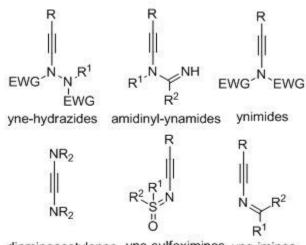
5. Novel ynamide structural analogues and their synthetic transformations (14-8512LU)

Ting Lu and Richard P. Hsung

Full Text: PDF (571K)

pp. 127 - 141

SYNTHESES and REACTIONS



diaminoacetylenes yne-sulfoximines yne-imines

YNAMIDE ANALOGUES

received Nov 8 2013; accepted Dec 4 2013; published Feb 26 2014;

6. Synthetic approaches to asymmetric phthalocyanines and their analogues (14-8412LR)

Victor N. Nemykin, Semyon V. Dudkin, Fabienne Dumoulin, Catherine Hirel, Ayşe Gül Gürek and Vefa Ahsen Full Text: PDF (1,897K)

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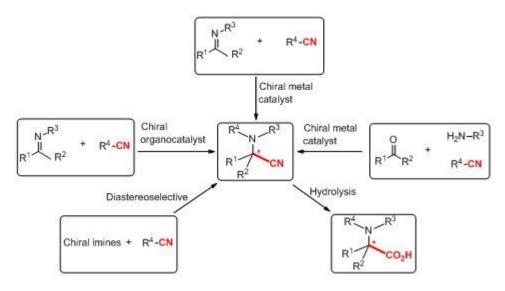
received Sep 6 2013; accepted Dec 1 2013; published Feb 26 2014;

7. Recent advances on asymmetric Strecker reactions (14-8487LR)

Xiao-Hua Cai and Bing Xie

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pp. 205 - 248



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8. Synthetic protocols for the key functionalizations of the photochromic dihydroazulene scaffold (14-8475LU)

Martina Cacciarini, $S\tilde{A}$, ren Lindb \tilde{A} ¦k Broman and Mogens Br \tilde{A} , ndsted Nielsen.

Full Text: PDF (144K)

pp. 249 - 263

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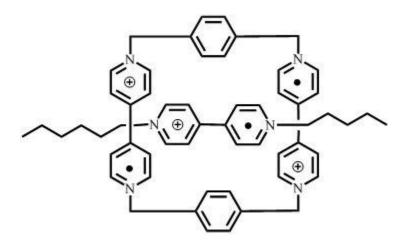
received Oct 18 2013; accepted Nov 29 2013; published Mar 28 2014;

9. Radical-radical rotaxanes with tetracationic cyclophane ring, and quaternary azaaromatic rotaxanes with cage macrocycles (14-8518LR)

Malgorzata Deska, Anna Nowik-Zajac and Wanda Sliwa

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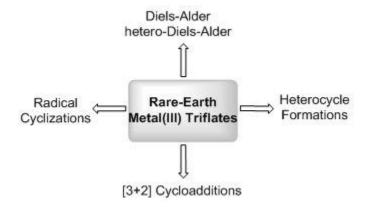
received Nov 14 2013; accepted Jan 11 2014; published May 15 2014;

10. Recent applications of rare-earth metal(III) triflates in cycloaddition and cyclization reactions (14-8620LR)

Vladimir Ladziata

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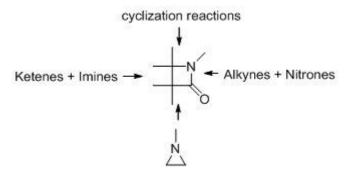
received Jan 29 2014; accepted Feb 27 2014; published May 26 2014;

11. Advances in synthesis of monocyclic beta-lactams (14-8524LR)

Girija S. Singh and Siji Sudheesh

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pp. 337 - 385



received Nov 18 2013; accepted Jan 28 2014; published May 26 2014;

12. On the discovery and development of tandem 1,4- and 1,2-addition of phosphites to 1-azadienes

(14-8648LU)

Frederik E.A. Van Waes, Wouter Debrouwer, Thomas S.A. Heugebaert and Christian V. Stevens

Full Text: PDF (1,345K)

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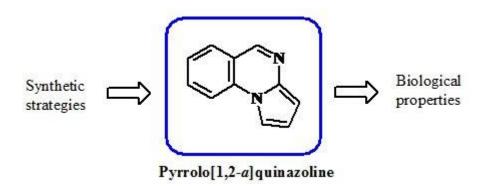
received Feb 15 2014; accepted Apr 3 2014; published Jun 2 2014;

13. Pyrrolo[1,2-a]quinazolines: synthesis and biological properties (14-8699LR)

Florea Dumitrascu and Marcel Mirel Popa

Full Text: PDF (210K)

pp. 428 - 452



received Mar 24 2014; accepted May 4 2014; published Jul 11 2014;

14. Recent progress in the trifluoromethylation of alkenes with TogniÂ's reagents (14-8656LR)

Cai Zhang

Full Text: PDF (194K)

pp. 453 - 469

$$\begin{array}{c} \text{CF}_3 \\ \text{Togni's reagent 1} \end{array} \\ \text{Togni's reagent 2} \end{array} \begin{array}{c} \text{CF}_3 \\ \text{NNB} \end{array} \begin{array}{c} \text{ICu'}_1 \\ \text{NNB} \end{array} \begin{array}{c} \text{ICu'}_1 \\ \text{NNB} \end{array} \\ \text{Togni's reagent 2} \end{array} \\ \text{TEMPO} \\ \text{R}^2 \\ \text{R}^3 \end{array} + \text{CF}_3 \\ \text{R}^2 \\ \text{R}^3 \end{array} \begin{array}{c} \text{R}^2 \\ \text{R}^2 \\ \text{R}^3 \end{array} \begin{array}{c} \text{NuH or Nu \cdot or Nu}_1 \\ \text{Nu = R}^4 \text{O, R}^3 \text{R}^5 \text{N, N_3, CN} \end{array} \\ \text{R}^1 \\ \text{R}^3 \end{array}$$

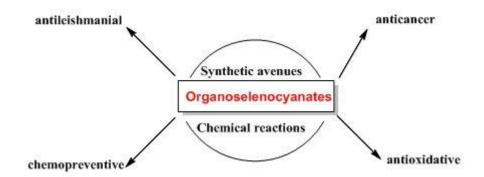
received Feb 21 2014; accepted Mar 27 2014; published Aug 1 2014;

15. Vistas in the domain of organoselenocyanates (14-8763LR)

Saad Shaaban, Mahmoud A. Arafat and Wafaa S. Hamama

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pp. 470 - 505



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