

Organic & Biomolecular Chemistry

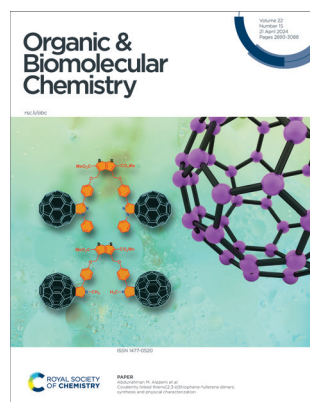
An international journal of synthetic, physical and biomolecular organic chemistry

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IN THIS ISSUE

ISSN 1477-0520 CODEN OBCRAK 22(15) 2893–3088 (2024)



Cover

See Abdulrahman M. Alazemi
et al., pp. 2978–2984.

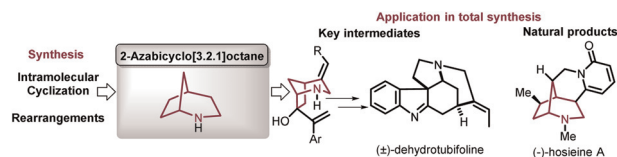
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Abdulrahman M. Alazemi
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2024, **22**, 2978.

REVIEWS

2902

2-Azabicyclo[3.2.1]octane scaffold: synthesis and applications

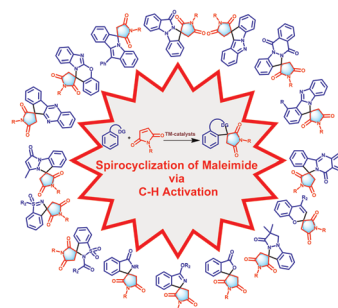
Mariana Crespo Monteiro, João Rafael Vale and
Filipa Siopa*



2916

Recent advances in spirocyclization of maleimides via transition-metal catalyzed C–H activation

Swadhin Swaraj Acharya, Sagarika Patra,
Rojalini Maharana, Manaswini Dash, Liza Mama Barad
and Bibhuti Bhusan Parida*



Environmental Science: Atmospheres

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Fundamental questions
Elemental answers

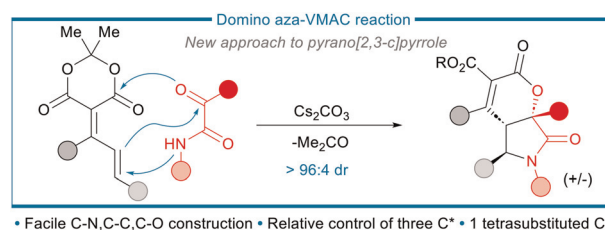


COMMUNICATIONS

2948

Vinylogous and stereoselective domino synthesis of pyrano[2,3-c]pyrroles from alkylidene Meldrum's acids

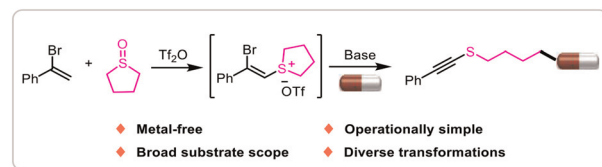
Mariia Savchuk, Giang Vo-Thanh, Sylvain Oudeyer, H el ene Beucher and Jean-Fran ois Bri ere*



2953

Synthesis of alkynyl sulfides *via* base-promoted nucleophilic ring-opening of α -bromostyrene sulfonium salt

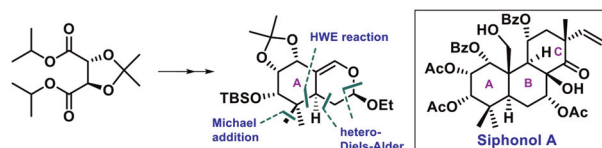
Junqi Zhou, Ziyu Wang, Hanmiao Xu, Mengke Su and Jian Wen*



2958

Asymmetric synthesis of the fully functionalized six-membered A-ring of siphonol A

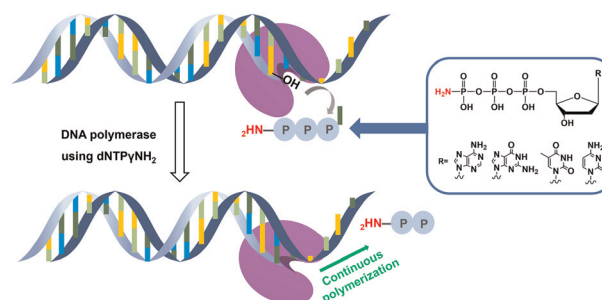
Ying Sun, Shaomin Fu* and Bo Liu*



2963

A phosphamide nucleotide analog: a substrate for polymerase synthesis of DNA

Jiong Meng, Qiaqia Guo, Xiaona Zhai, Song Yang, Shuai Wang, Pengcheng Wang and Debin Ji*



COMMUNICATIONS

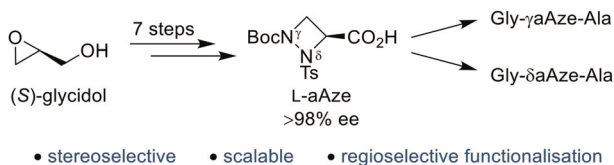
2968



Photogenerated chlorine radicals activate C(sp³)–H bonds of alkylbenzenes to access quinazolinones

Xin-Yao Pan, Gui-Xia Sun, Fang-Ping Huang, Wen-Jian Qin, Qing-Hu Teng* and Kai Wang*

2974

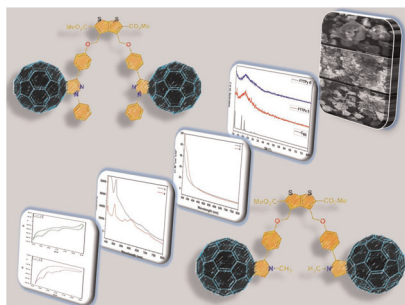


Stereoselective synthesis of (*R*)- and (*S*)-1,2-diazetidene-3-carboxylic acid derivatives for peptidomimetics

Matthew Nutter, Henry Stone, Michael Shipman and Stefan Roesner*

PAPERS

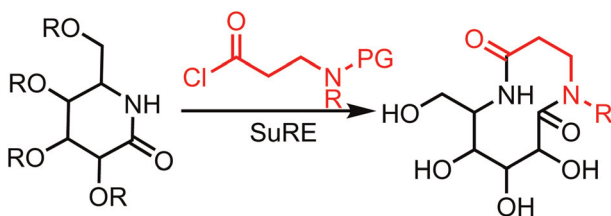
2978



Covalently linked thieno[2,3-*b*]thiophene-fullerene dimers: synthesis and physical characterization

Abdulrahman M. Alazemi,* Mohammad H. BinSabt, Hamad M. Al-Matar, Alan L. Balch and Mona A. Shalaby

2985



Expanding the scope of the successive ring expansion strategy for macrocycle and medium-sized ring synthesis: unreactive and reactive lactams

Zhongzhen Yang, Marion Arnoux, Damien Hazelard, Owen R. Hughes, Joe Nabarro, Adrian C. Whitwood, Martin A. Fascione, Christopher D. Spicer, Philippe Compain* and William P. Unsworth*

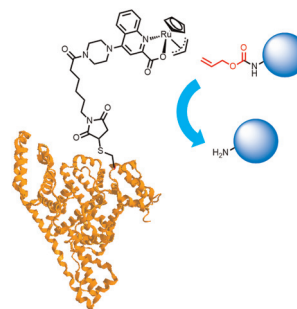


PAPERS

2992

Albumin–ruthenium catalyst conjugate for bio-orthogonal uncaging of alloc group

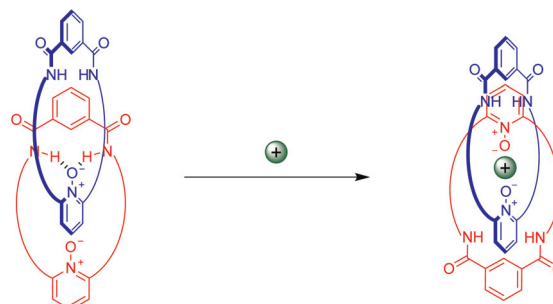
Kimberly S. Taylor, Madison M. McMonagle, Schaelee C. Guy, Ariana M. Human-McKinnon, Shumpei Asamizu, Heidi J. Fletcher, Bradley W. Davis and Takashi L. Suyama*



3001

A pyridine-*N*-oxide catenane for cation recognition

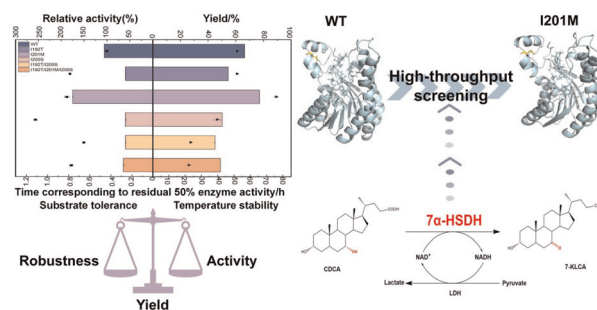
Sean R. Barlow, Nathan R. Halcovitch and Nicholas H. Evans*



3009

Not exclusively the activity, but the sweet spot: a dehydrogenase point mutation synergistically boosts activity, substrate tolerance, thermal stability and yield

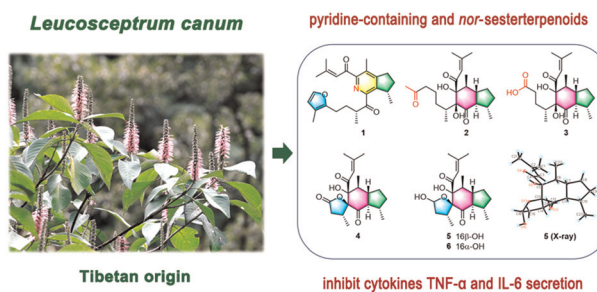
Yu-Ke Cen, Lin Zhang, Yue Jiang, Xiang-Fu Meng, Yuan Li, Chao Xiang, Ya-Ping Xue* and Yu-Guo Zheng



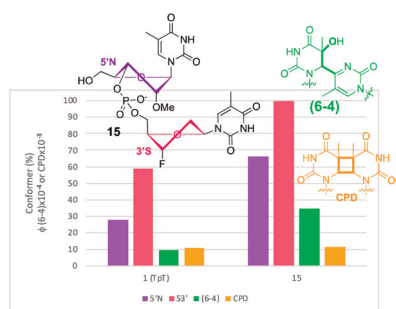
3019

Unusual immunosuppressive pyridine-containing bisnor- (C_{23}), tetranor- (C_{21}) and pentanor- (C_{20}) sesterterpenoids from Tibetan *Leucosceptrum canum*

Man Li, Ling Feng, Han Zhang, Yan-Chun Liu, Ting-Ting Zhou, Yu Zheng, Kai Guo,* Yan Liu and Sheng-Hong Li*



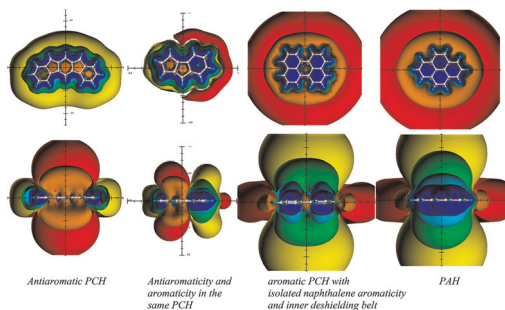
3025



Selective enhancement of (6–4) photoproduct formation in dithymine dinucleotides driven by specific sugar puckering

Jouda Jakhlal, Clément Denhez, Stéphanie Coantic-Castex, Agathe Martinez, Dominique Harakat, Thierry Douki, Dominique Guillaume and Pascale Clivio*

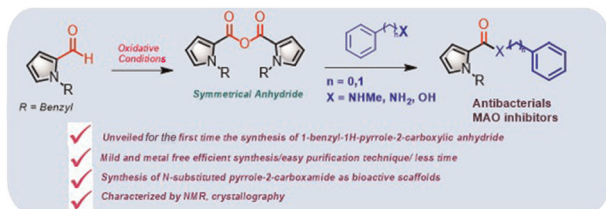
3035



Identification and quantification of local antiaromaticity in polycyclic aromatic hydrocarbons (PAHs) based on the magnetic criterion

Erich Kleinpeter* and Andreas Koch

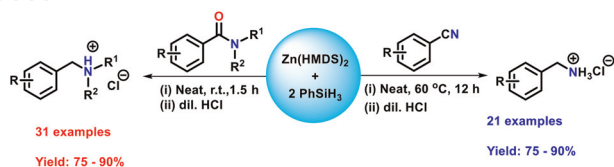
3045



Direct access to pyrrole anhydrides via oxidative self-coupling of pyrrole carboxaldehydes

Surabhi Panday, Tapas Maity, Pratibha Bhatti and Joydev K. Laha*

3053



Hydrosilylation of nitriles and tertiary amides using a zinc precursor

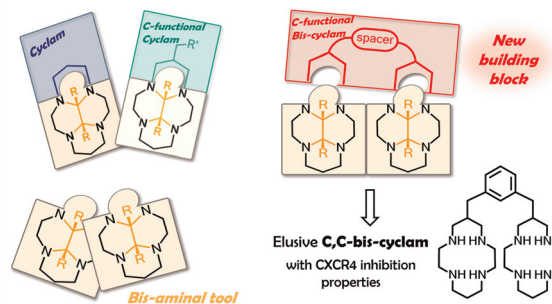
Ravi Kumar, Rohan Kumar Meher, Himadri Karmakar and Tarun K. Panda*



3059

Selective synthesis of an elusive C-functional bis-cyclam and study of its inhibition of the CXCR4 chemokine receptor

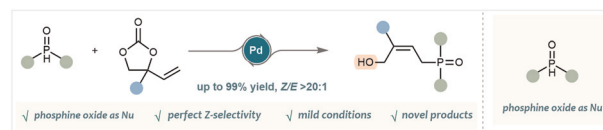
Marie M. Le Roy, Sandra Claes, Nathalie Saffon-Merceron, Dominique Schols,* Thibault Troadec* and Raphaël Tripiier



3068

Palladium-catalyzed (Z)-selective allylation of phosphine oxides with vinylolefin carbonates to construct phosphorus allyl alcohols

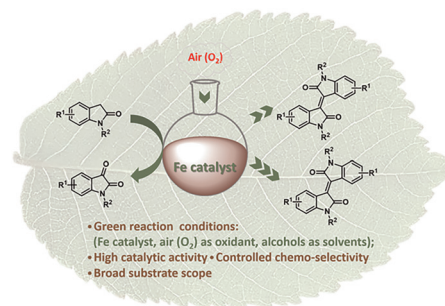
Hua Huang, Yi-Qi Wu, Lu-Yao Han, Lu Jiang, Zhuo-Zhuo Zhang, Xiang Zhang, Bo Han, Wei Huang* and Jun-Long Li*



3073

Iron-catalyzed selective construction of indole derivatives via oxidative C(sp³)-H functionalization of indolin-2-ones

Wei Chen, Lang-Qi Wen, Xiao-Bing Lu and Hui Zhou*



3080

Additive-free oxychlorination of unsaturated C-C bonds with tert-butyl hypochlorite and water

Duyi Shen,* Chaoyue Sun, Yun Han, Zhen Luo, Ting Ren, Qin Zhang, Wenting Huang, Jianru Xie, Ying Jia and Mianran Chao*

