



Tetrahedron Vol. 67, Issue 12, 2011

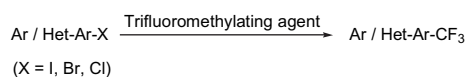
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REPORT

Trifluoromethylation of aryl and heteroaryl halides

Sudipta Roy, Brian T. Gregg, Gordon W. Gribble, Van-Duc Le, Sujata Roy*

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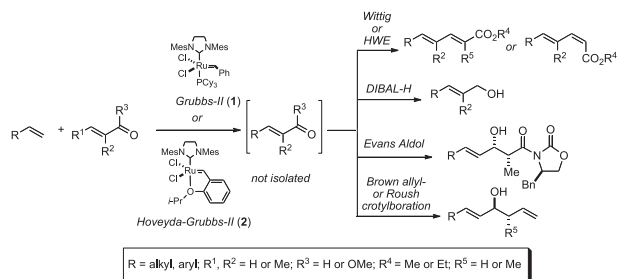


ARTICLES

Sequencing cross-metathesis and non-metathesis reactions to rapidly access building blocks for synthesis

Gopal Sirasani, Tapas Paul, Rodrigo B. Andrade*

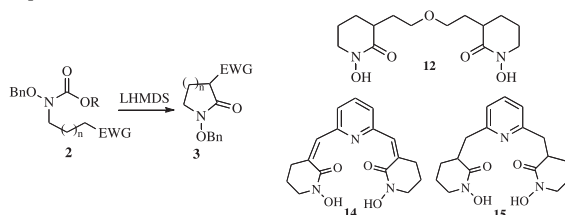
pp 2197–2205



A new approach to cyclic hydroxamic acids: intramolecular cyclization of *N*-benzyloxy carbamates with carbon nucleophiles

pp 2206–2214

Yuan Liu, Hollie K. Jacobs, Aravamudan S. Gopalan*

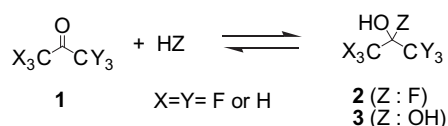


N-Alkyl-*N*-benzyloxy carbamates, **2**, undergo facile intramolecular cyclization with a variety of carbon nucleophiles to give functionalized five- and six-membered benzyl protected cyclic hydroxamic acids, **3**, in good to excellent yields. The products of the cyclization are useful intermediates as demonstrated by the preparation of bis cyclic hydroxamic acids **12**, **14**, and **15**.

HF-mediated equilibrium between fluorinated ketones and the corresponding α -fluoroalcohols

pp 2215–2219

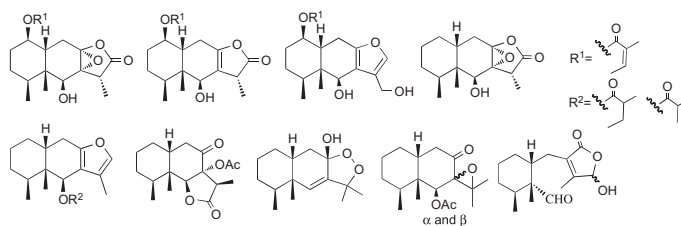
Tatsuya Hayasaka*, Yutaka Katsuhara, Takashi Kume, Takashi Yamazaki



Overlapping chemical and genetic diversity in *Ligularia lamarum* and *Ligularia subspicata*. Isolation of ten new eremophilanes and a new seco-bakkane compound

pp 2220–2231

Yoshinori Saito, Masato Hattori, Yuko Iwamoto, Yuriko Takashima, Kanako Mihara, Yoko Sasaki, Miho Fujiwara, Misato Sakaoku, Anna Shimizu, Xun Chao, Chiaki Kuroda*, Xun Gong*, Ryo Hanai*, Motoo Tori*

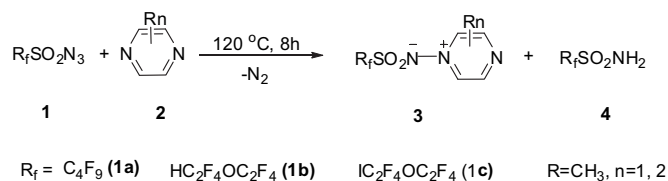


The two title species were found to be indistinguishable both chemically and genetically. Furanoeremophilanes and eremophilan-8-one derivatives, of which eleven were new, were obtained from both species.

Study on the reactions of fluoroalkanesulfonyl azides with pyrazine and its derivatives

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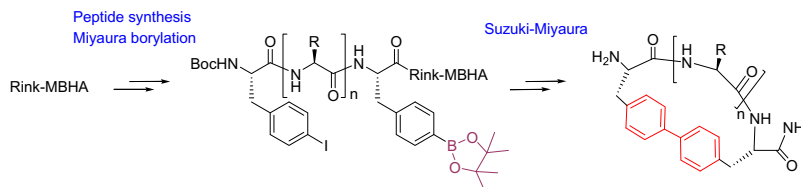
Wanting Xiong, Hongfei Zhang, Yong Xin, Shizheng Zhu*



Solid-phase synthesis of biaryl cyclic peptides by borylation and microwave-assisted intramolecular Suzuki–Miyaura reaction

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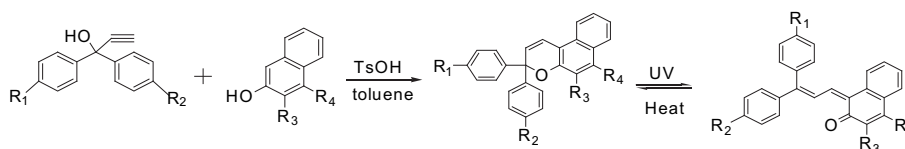
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Synthesis and photochromic properties of substituted naphthopyran compounds

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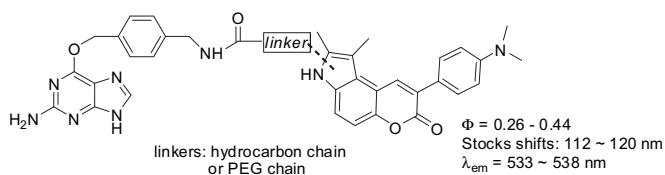
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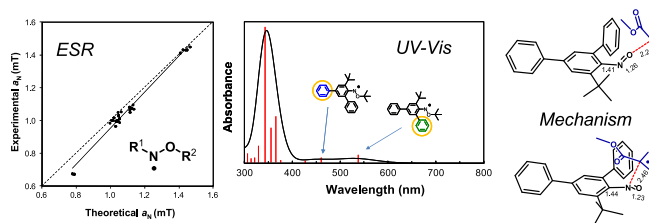
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DFT studies of N-alkoxyaminy radicals: ESR parameters, UV–vis absorptions and generations

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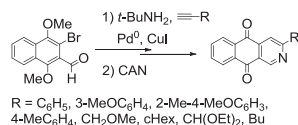
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Synthesis of 3-substituted benzo[*g*]isoquinoline-5,10-diones: a convenient one-pot Sonogashira coupling/iminoannulation procedure

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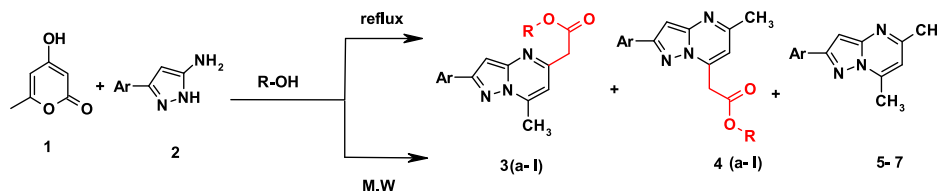
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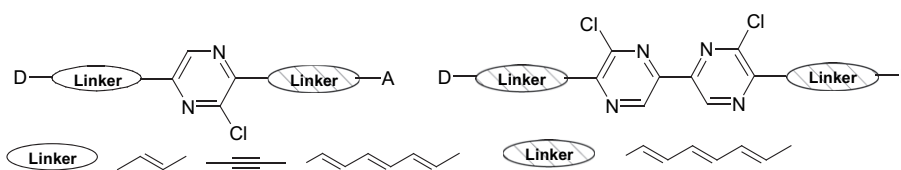
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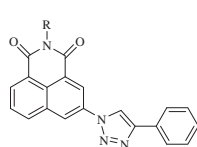
Nordine Hebbar, Catherine Fiol-Petit, Yvan Ramondenc, Gérard Plé, Nelly Plé*



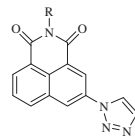
Novel efficient anticancer agents and DNA-intercalators of 1,2,3-triazol-1,8-naphthalimides: design, synthesis, and biological activity

pp 2299–2304

Xiaolian Li*, Yanjie Lin, Yukun Yuan, Kai Liu, Xuhong Qian*



- 5a R=CH₂CH₂N(CH₂)₂
5b R=CH₂CH₂N(CH₂CH₃)₂
5c R=CH₂CH₂CH₂CH₃
5d R=CH₂CH₂OH
5e R=CH₂CH₂N(CH₂CH₃)₂NH



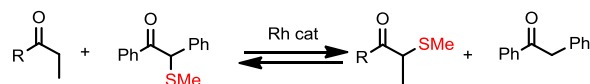
- 7a R=CH₂CH₂N(CH₃)₂
7b R=CH₂CH₂N(CH₂CH₃)₂
7c R=CH₂CH₂CH₂CH₃
7d R=CH₂CH₂OH
7e R=CH₂CH₂N(CH₂CH₃)₂NH



Rhodium-catalyzed α -methylthiolation reaction of unactivated ketones using 1,2-diphenyl-2-methylthio-1-ethanone for the methylthio transfer reagent

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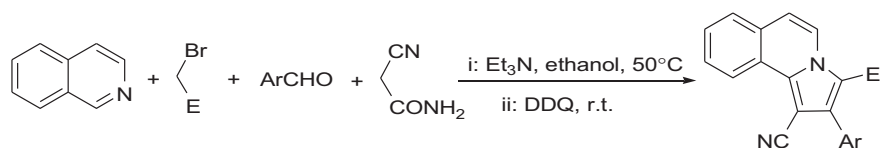
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One-pot two-step tandem reactions for selective synthesis of pyrrolo[2,1-a]isoquinolines and dihydro-, tetrahydro-derivatives

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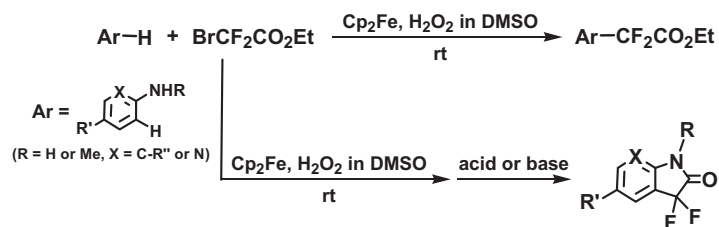
Ying Han, Hong Hou, Qin Fu, Chao-Guo Yan*

E = CO₂Et, C₆H₄NO₂-*p*, COC₆H₅, CONEt₂

Direct ethoxycarbonyldifluoromethylation of aromatic compounds using Fenton reagent

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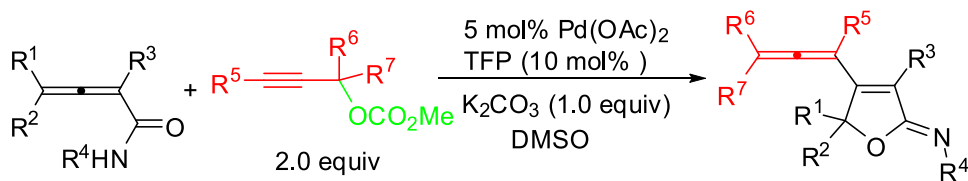
Yuhki Ohtsuka, Tetsu Yamakawa*



A facile synthesis of β -allenyl furanamines via Pd-catalyzed cyclization of 2,3-allenamides with propargylic carbonates

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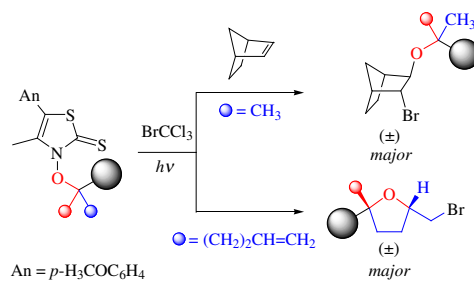
Guofei Chen, Ya Zhang, Chunling Fu, Shengming Ma*



Tertiary alkoxy radicals from 3-alkoxythiazole-2(3H)-thiones

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Christine Schur, Nina Becker, Uwe Bergsträßer, Thomas Gottwald, Jens Hartung*

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*Corresponding author

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