

### Tetrahedron Letters Vol. 46, No. 31, 2005

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A novel synthesis of (Z)-2-(1-trimethylgermyl-1-alkenyl)-1,3,2-dioxaborinanes and their conversion into carboxylic acids

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Narayan G. Bhat,\* Zerremi Caga-Anan and Reynaldo Leija

$$RC = CGeMe_3 \xrightarrow{BHCl_2 \cdot SMe_2} \xrightarrow{R} C \xrightarrow{GeMe_3} \xrightarrow{NaOH} \xrightarrow{H_2O_2} RCH_2COOH$$

#### An expeditious hydroxyamidation of carboxylic acids

pp 5113-5115

Abdellah Ech-Chahad, Alberto Minassi, Luca Berton and Giovanni Appendino\*

Synthesis of hydrophenanthrenes through a 'green' Fischer carbene–alkyne coupling process Rongti Li, Lei Zhang, Alejandro Camacho-Davila and James W. Herndon\*

pp 5117-5120

# Synthesis and spectral characterization of bisnaphthylmethyl and trinaphthylmethyl cations Lionel Sanguinet, Robert J. Twieg,\* Greg Wiggers, Guilin Mao, Kenneth D. Singer and Rolfe G. Petschek

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Triarylmethane dyes containing one, two or three naphthalene moieties have been prepared. Their synthesis and spectral characterization are reported here.



Advantages of the Ns group in the reactions of  $N^1$ -SO<sub>2</sub>R inosines with benzylamine and with  $^{15}NH_3$  pp 5127–5130 Montserrat Terrazas, Xavier Ariza\* and Jaume Vilarrasa\*

The attack of PhCH<sub>2</sub>NH<sub>2</sub> and of  $^{15}$ NH<sub>3</sub> on C2 largely predominates over the attack on the sulfur atom and on C<sub>ipso</sub>, in the case of the  $N^1$ -Ns inosine derivative (shown above). The open intermediates arising from the attack on C2 afford the desired  $N^1$ -benzyl and  $N^1$ -labelled inosines, respectively, by heating under appropriate conditions.



# Anodic oxidation of chiral sulfinylamines: a new route to highly diastereoselective $\alpha$ -alkylation of piperidine

pp 5131-5134

Serge Turcaud, Thierry Martens, Emma Sierecki, Joëlle Pérard-Viret and Jacques Royer\*

### Fluoride-catalyzed three-component coupling reaction of a silylphosphine, activated alkenes and aldehydes

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Minoru Hayashi,\* Yutaka Matsuura and Yutaka Watanabe\*

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