



## Tetrahedron Vol. 71, Issue 44, 2015

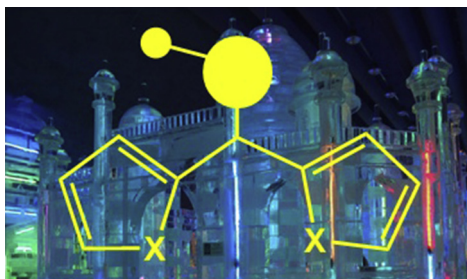
## Contents

## REPORT

**meso-Di(heteroaryl)methanes: versatile building blocks of porphyrinoids**

pp 8373–8390

Kamaljit Singh\*, Shivali Sharma, Paramjit Kaur, Chang Hee-Lee

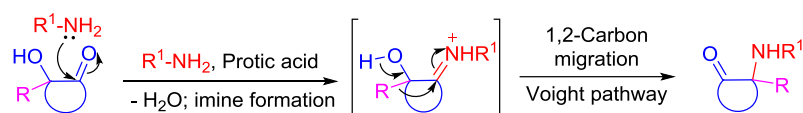


## ARTICLES

**The Voigt reaction on tertiary  $\alpha$ -hydroxy ketones**

pp 8391–8406

H. Surya Prakash Rao\*, Satish Vijjapu



□ *tert*- $\alpha$ -Hydroxy ketone on phenanthrene, pyrene, acenaphthylene framework;

□ R = Allyl, propargyl, propyl, benzyl; □ Protic acid = HCOOH or PTSA;

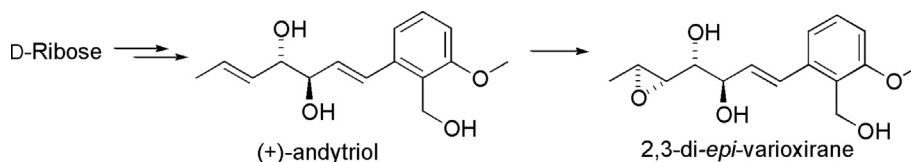
□ R<sup>1</sup> = Benzyl, butyl, phenyl, *S*-(-)- $\alpha$ -methylbenzyl, *R*-(+)- $\alpha$ -methylbenzyl;



**First total synthesis of natural andytriol and a biomimetic approach to varioxiranes**

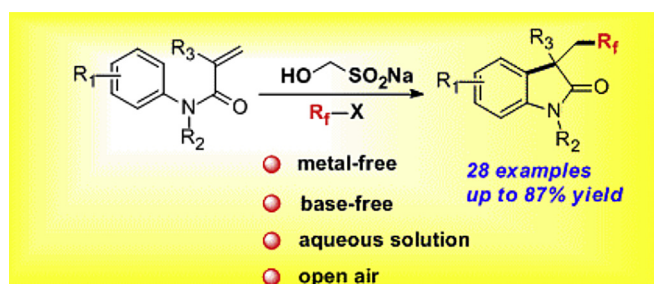
pp 8407–8415

Martin Marković, Pavol Lopatka, Peter Koós, Tibor Gracza\*

**Metal-free trifluoroethylation of activated alkenes: rapid access to construct fluorinated 3,3-disubstituted 2-oxindoles**

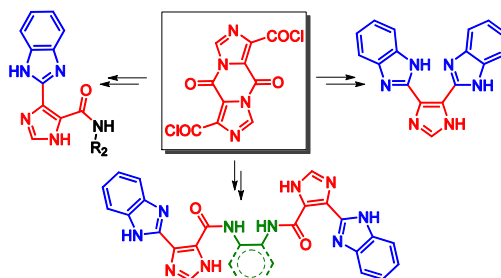
pp 8416–8423

Wen-Peng Mai\*, Bin Sun, Guan-Sheng Qian, Jin-Wei Yuan, Pu Mao\*, Liang-Ru Yang, Yong-Mei Xiao

**Efficient method for the synthesis of fused benzimidazole–imidazoles via deprotection and cyclization reactions**

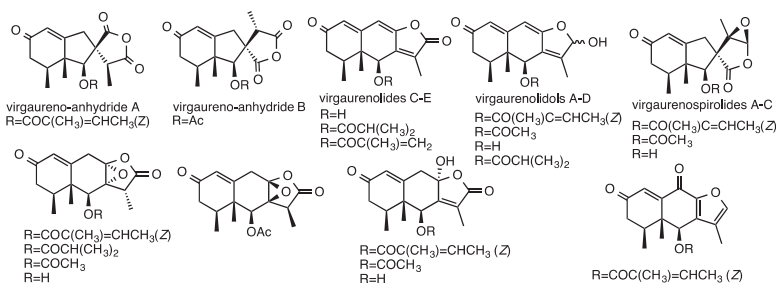
pp 8424–8427

Zhong-Zhu Chen, Shi-Qiang Li, Wen-Li Liao, Zhi-Gang Xie, Ming-Shu Wang, Yun Cao, Jin Zhang\*, Zhi-Gang Xu\*

**Terpenoids from *Ligularia virgaurea* collected in China: the first example of two bakkane derivatives with an anhydride-type ring C and nineteen new chemical constituents**

pp 8428–8435

Yoshinori Saito, Saori Iga, Katsuyuki Nakashima, Yasuko Okamoto, Xun Gong\*, Chiaki Kuroda\*, Motoo Tori\*



Download English Version:

<https://daneshyari.com/en/article/5214275>

Download Persian Version:

<https://daneshyari.com/article/5214275>

[Daneshyari.com](https://daneshyari.com)