

Tetrahedron Letters Vol. 56, Issue 36, 2015

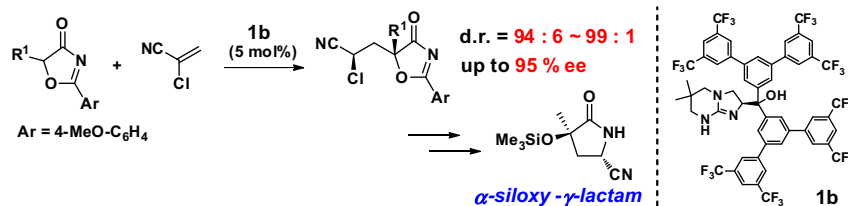
Contents

COMMUNICATIONS

Highly enantioselective and diastereoselective conjugate addition of 5H-oxazol-4-ones to 2-chloroacrylonitrile catalyzed by chiral guanidines

pp 5063–5066

Tomonori Misaki*, Na-Rae Choi, Akane Morita, Takashi Sugimura*

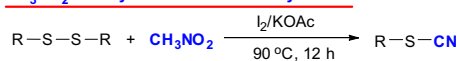


Nitromethane as a cyanating reagent for the synthesis of thiocyanates

pp 5067–5070

Zuo-Hui Wang, Xiao-Ming Ji, Mao-Lin Hu*, Ri-Yuan Tang*

CH₃NO₂ as a cyano source for thiocyanates



- metal-free conditions
- operational simplicity
- broad substrate scope

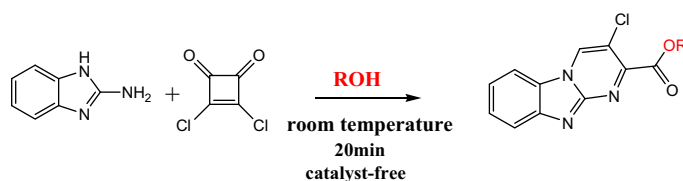
R = aryl, heteroaryl, benzyl and cyclohexyl



One-step synthesis of alkyl 2-chloropyrimido[1,2-*a*]benzimidazole-3-carboxylates under catalyst-free: combined experimental and computational studies

pp 5071–5075

Yang Liu, Guoming Xia, Chao Luo, Jianqi Sun, Benfei Ye, Yanli Yuan*, Hongming Wang*



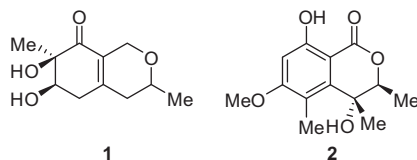
R = methyl, ethyl, propyl, n-butyl, benzyl



Isochromanone derivatives from the endophytic fungus *Fusarium* sp. PDB51F5

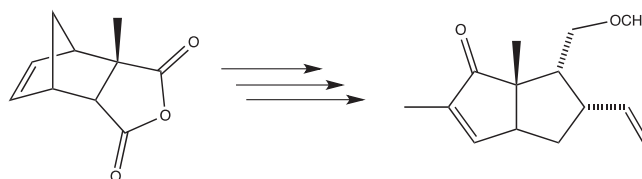
pp 5076–5078

Sirada Boonyaketgoson, Kongkiat Trisuwan*, Boonsom Bussaban, Vatcharin Rukachaisirikul, Souwalak Phongpaichit

**Model studies directed to the synthesis of cucurbitacin I C/D rings**

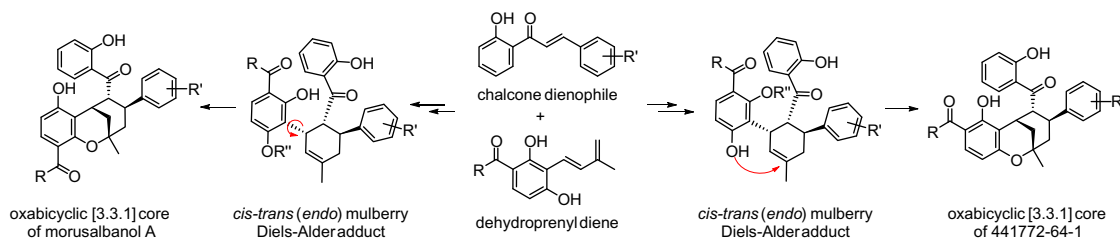
pp 5079–5081

Nicholas A. Eddy*, Gabriel Fenteany

**Model studies on construction of the oxabicyclic [3.3.1] core of the mulberry Diels–Alder adducts morusalbanol A and 441772-64-1**

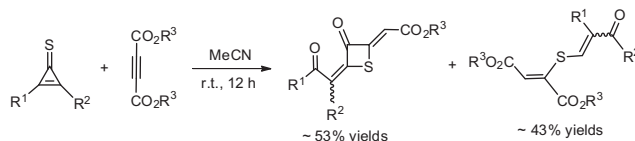
pp 5082–5085

Jia Ti Tee, Chin Fei Chee*, Michael J.C. Buckle, Vannajan Sanghiran Lee, Wei Lim Chong, Hamid Khaledi, Noorsaadah Abd Rahman

**Reactions of cyclopropenethiones and acetylenedicarboxylates: synthesis of substituted thioethers and thiocyclobutanones**

pp 5086–5089

Wen-Tao Zhao, Min Shi*



The reaction of cyclopropenethiones and electron-deficient alkynes has been investigated in this context. The corresponding thioethers and thiocyclobutanones could be afforded depending on the reaction conditions and the employed substrates. Ambient water participated in the reaction on the basis of deuterium labeling experiment.



Download English Version:

<https://daneshyari.com/en/article/5261666>

Download Persian Version:

<https://daneshyari.com/article/5261666>

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