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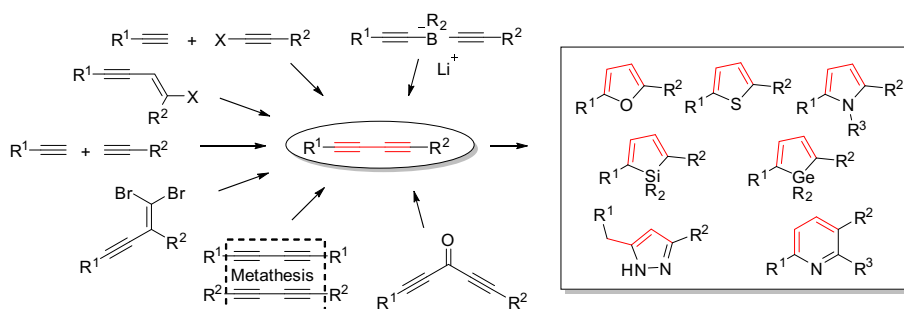
Contents

DIGEST PAPERS

1,3-Diyne chemistry: synthesis and derivations

pp 2763–2772

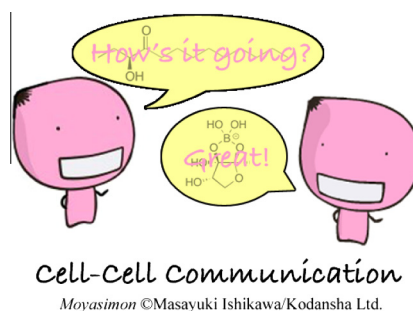
Wei Shi*, Aiwon Lei*



Recent progress in the chemistry and chemical biology of microbial signaling molecules: quorum-sensing pheromones and microbial hormones

pp 2773–2780

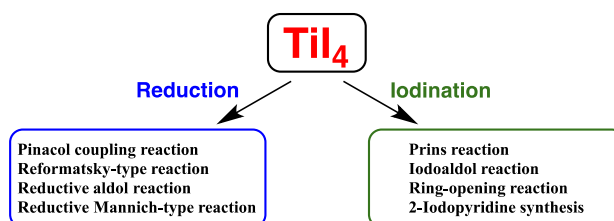
Arata Yajima*



Chemoselective reductions and iodinations using titanium tetraiodide

pp 2781–2788

Iwao Hachiya*, Makoto Shimizu*

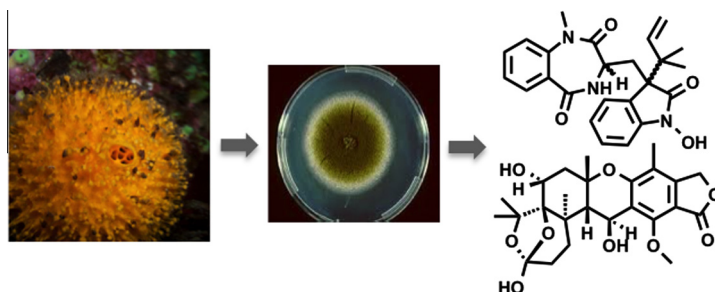


COMMUNICATIONS

Marine bacterial inhibitors from the sponge-derived fungus *Aspergillus* sp.

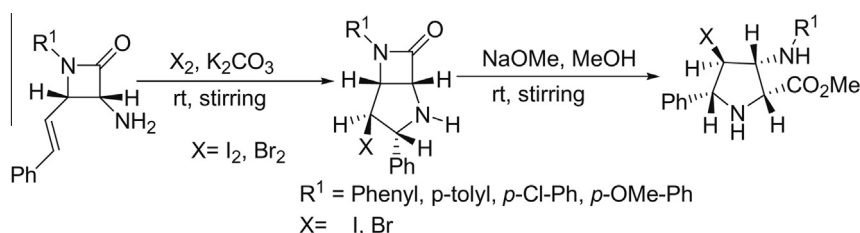
pp 2789–2792

Yaming Zhou, Abdessamad Debbab, Victor Wray, WenHan Lin, Barbara Schulz, Rozenn Trepos, Claire Pile, Claire Hellio, Peter Proksch, Amal H. Aly*

**Metal-free diastereoselective synthesis of diaza-bicyclo[3.2.0]heptan-7-one and its transformation to functionalized proline esters**

pp 2793–2795

Yogesh Kumar, Bilash Kuila, Dinesh Mahajan, Prabhpreet Singh, Balaram Mohapatra, Gaurav Bhargava*

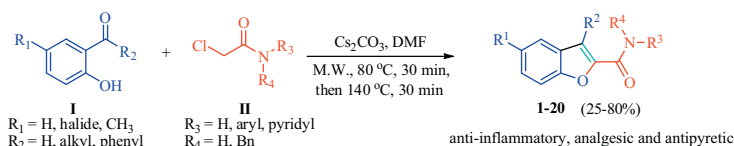


A metal-free diastereoselective synthesis of 4-halo-3,6-di-aryl-2,6-diaza-bicyclo[3.2.0]heptan-7-one by intramolecular *endo-trig* haloamination of 3-amino-2-azetidinone is reported. The amidolytic ring opening of diaza-bicyclo[3.2.0]heptan-7-one with sodium methoxide provides an easy access to previously unknown 4-halo-3-aryl amino-pyrrolidine-2-carboxylic acid methyl esters in good yields.

Microwave-assisted parallel synthesis of benzofuran-2-carboxamide derivatives bearing anti-inflammatory, analgesic and antipyretic agents

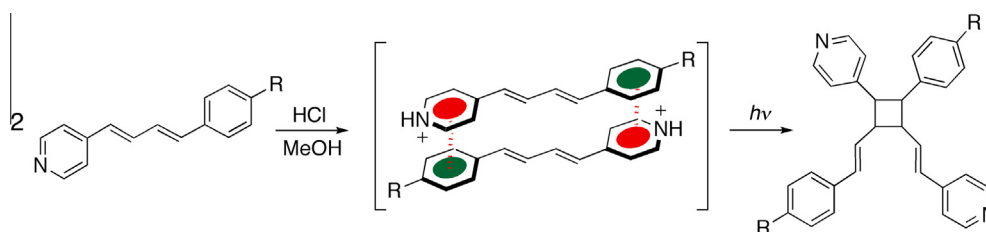
pp 2796–2800

Yong-Sheng Xie, Deepak Kumar, V. D. Vijaykumar Bodduri, P. Srivastava Tarani, Bao-Xiang Zhao, Jun-Ying Miao, Kiwan Jang, Dong-Soo Shin*

**[2+2] photodimerization of 1-aryl-4-pyridylbutadienes through cation- π interactions**

pp 2801–2804

Shinji Yamada*, Yuka Azuma, Kanae Aya



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