



Tetrahedron Vol. 71, Issue 47, 2015

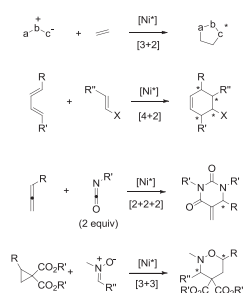
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REPORT

Enantioselective nickel-catalysed cycloaddition reactions

Hélène Pellissier

pp 8855–8869



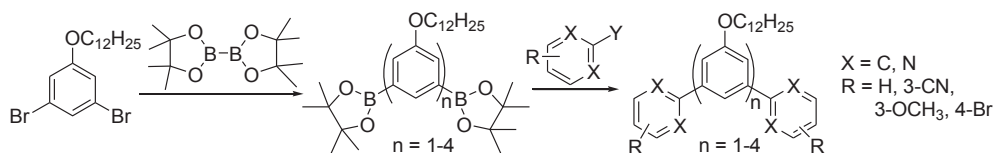
The goal of this review is to collect the major developments in enantioselective nickel-catalysed cycloaddition reactions reported since the beginning of 2004, well illustrating the power of these inexpensive and highly abundant catalysts to provide remarkably diverse chemical reactivity.

ARTICLES

Palladium-catalyzed borylation of *m*-dibromobenzene derivative and its applications in one-pot tandem Suzuki–Miyaura arenes synthesis

pp 8871–8875

Dahai Xie, Rong Li, Dengqing Zhang*, Jiena Hu, Duoduo Xiao, Xianying Li, Yunjie Xiang, Wusong Jin*



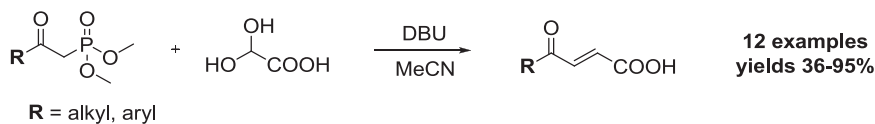
One-step synthesis of monomer, dimer, trimer, and tetramer boronates through Miyaura reaction in a moderate yields has been reported. Furthermore, the boronates can be followed by Suzuki–Miyaura cross-coupling without purification.



Straightforward synthesis of functionalized (*E*)-3-acrylycrylic acids

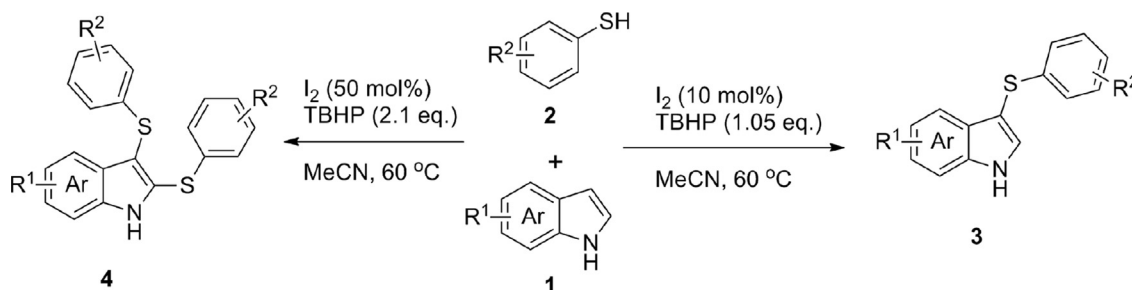
pp 8876–8884

Ivan Sivák, Jakub Václav, Dušan Berkeš, Andrej Kolarovič*

**Iodine-catalysed versatile sulfenylation of indoles with thiophenols: controllable synthesis of mono- and bis-arylthioindoles**

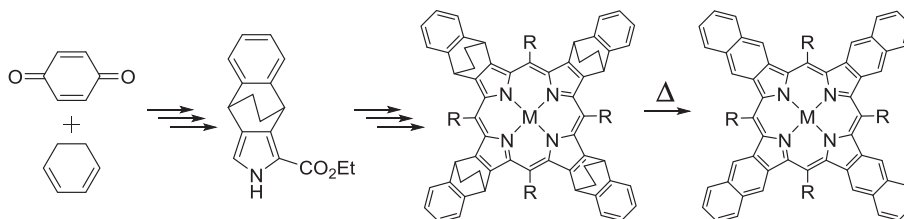
pp 8885–8891

Hailei Zhang, Xiaoze Bao, Yuming Song, Jingping Qu, Baomin Wang*

**Synthesis of [2,3]naphthoporphyrins using 4,9-dihydro-4,9-ethano-2*H*-benz[*f*]isoindole as a benz[*f*]isoindole equivalent**

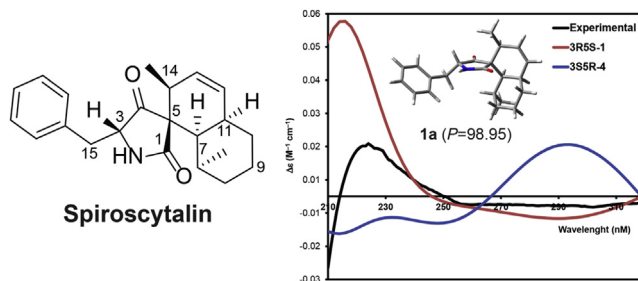
pp 8892–8898

Yutaro Ishii, Satoshi Ito*, Yuki Saito, Daiki Uno, Toru Oba

**Spiroscytalin, a new tetramic acid and other metabolites of mixed biogenesis from *Scytalidium cuboideum***

pp 8899–8904

Arlene A. Sy-Cordero, Mario Figueroa, Huzefa A. Raja, Maria Elena Meza Aviña, Mitchell P. Croatt, Audrey F. Adcock, David J. Kroll, Mansukh C. Wani, Cedric J. Pearce, Nicholas H. Oberlies*



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