Vol. 69 · Issue 46 · 18 November 2013 · ISSN 0040-4020

Tetrahedron

THE INTERNATIONAL JOURNAL FOR THE RAPID PUBLICATION OF FULL ORIGINAL RESEARCH PAPERS AND CRITICAL REVIEWS IN ORGANIC CHEMISTRY

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Tetrahedron 69 (2013) 9521–9533

Contents lists available at ScienceDirect

Tetrahedron

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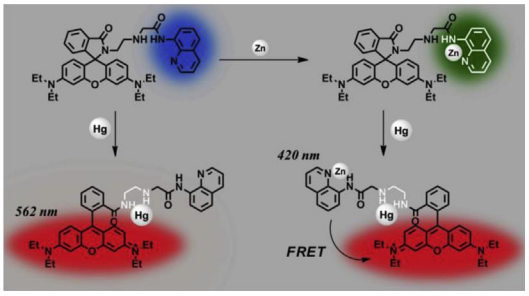
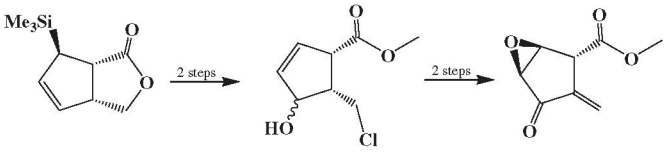
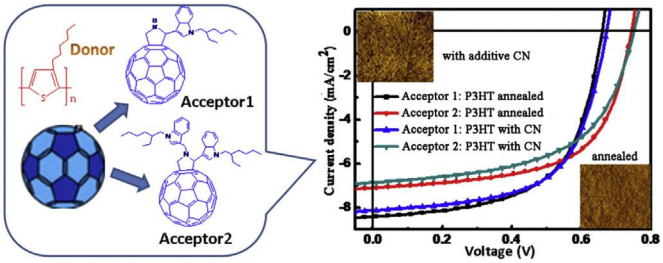
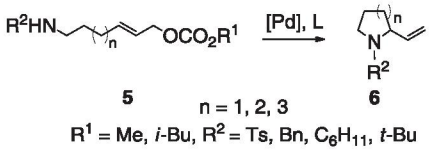
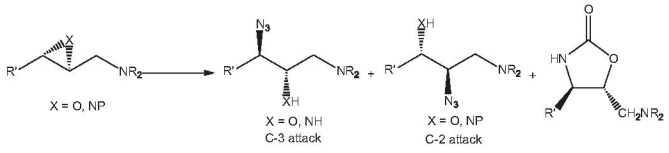
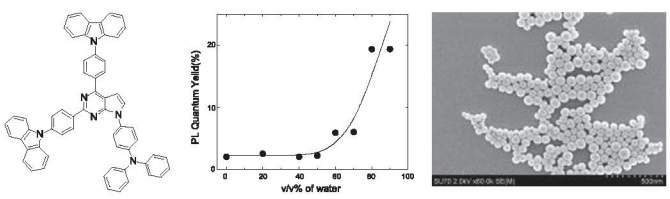


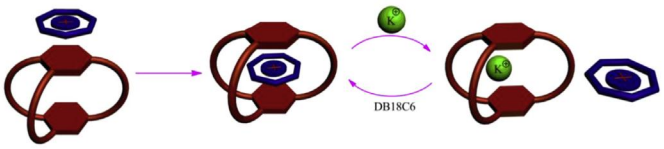


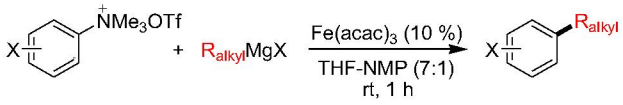


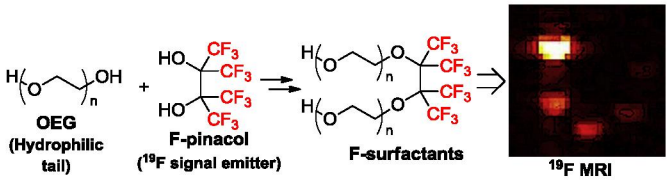


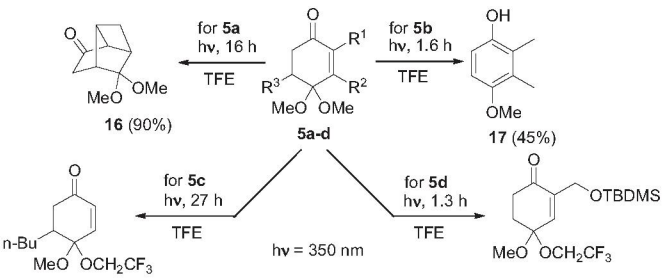


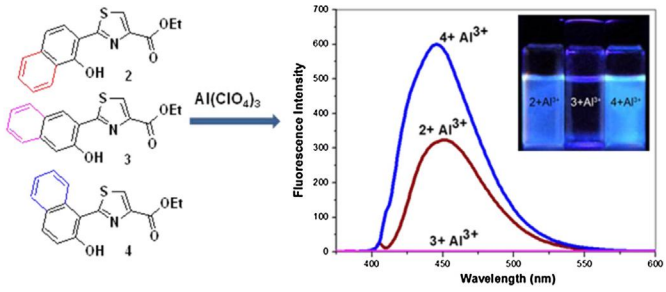


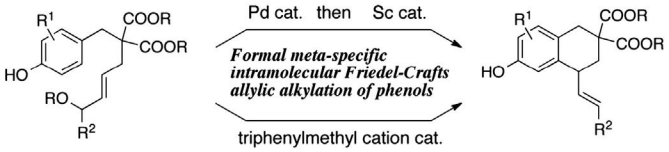


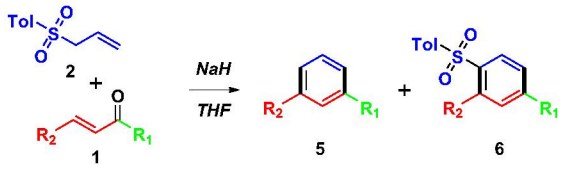


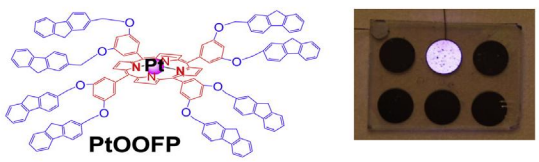




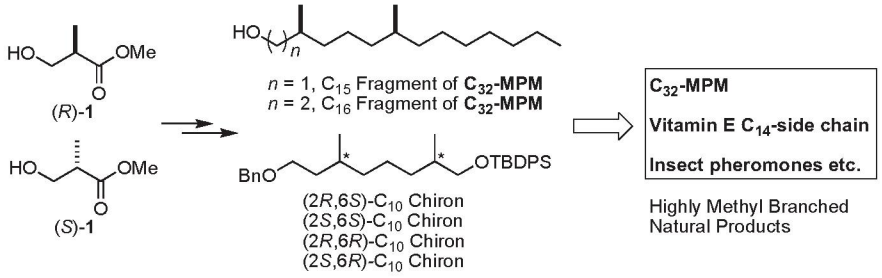


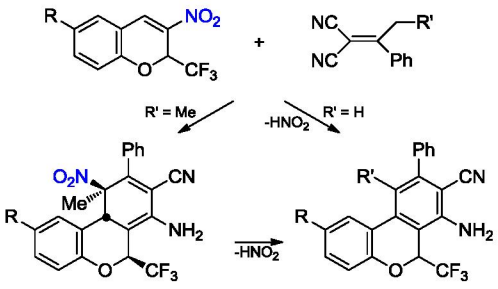


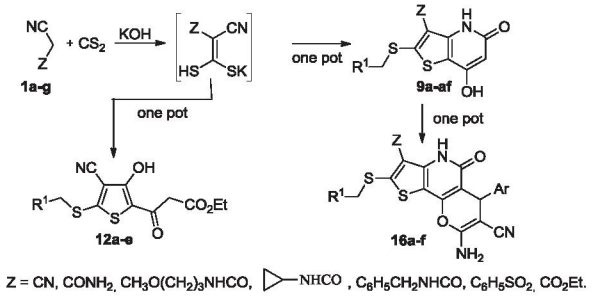


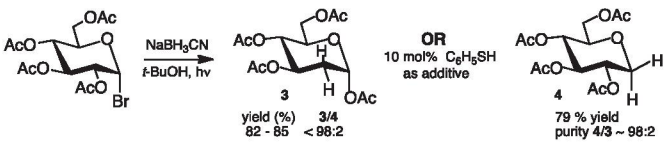


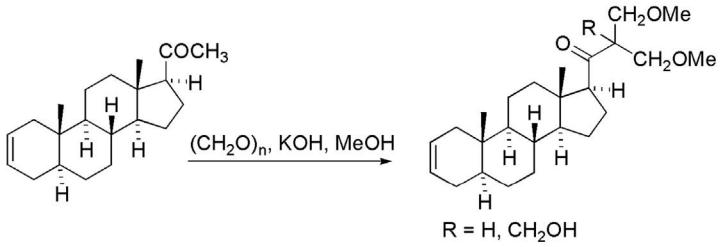
Synthesis and photophysical properties of new platinum(II) complexes of porphyrins with four (PtTOFP) or eight (PtOOFP) fluorenyl pendant arms have been studied. OLED's in which these platinum(II) complexes are used as a red phosphor have been prepared.

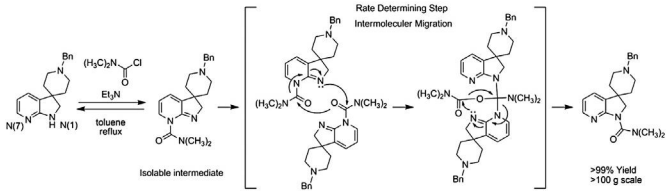


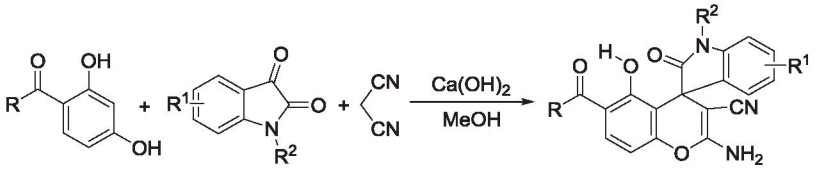


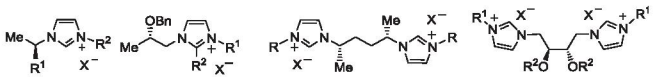


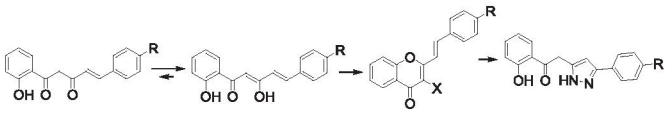


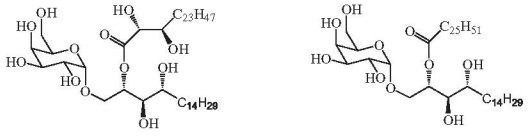






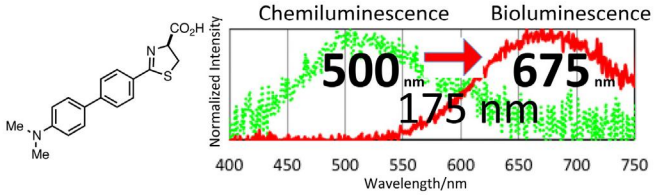


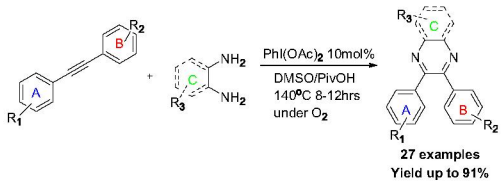




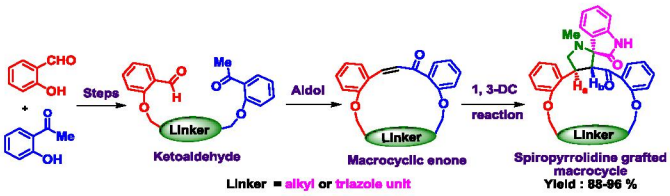
13 (RCAI-166) RCAI-80

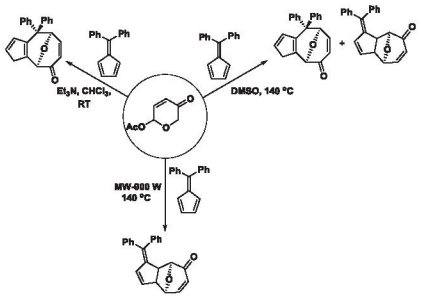
This (2*R*,3*R*)-dihydroxylated analogue (**13**) of RCAI-80 showed moderate activity for EAE suppression.

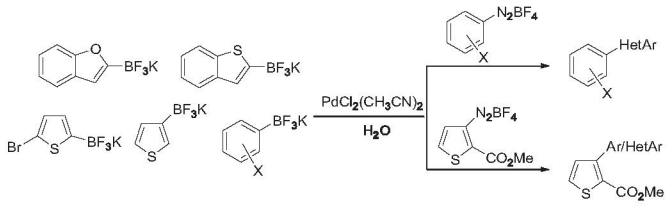


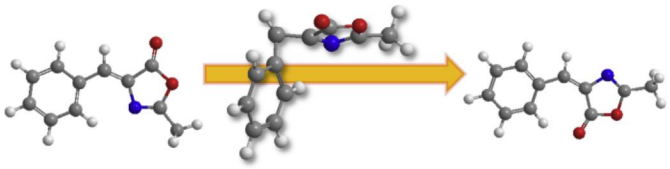


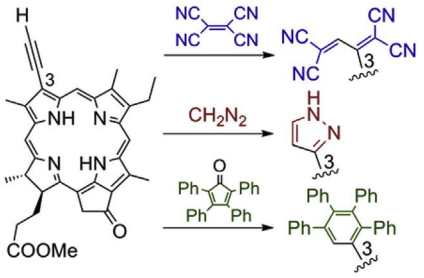
The one-pot metal free synthesis of quinoxaline derivatives with hypervalent iodine as a catalyst.

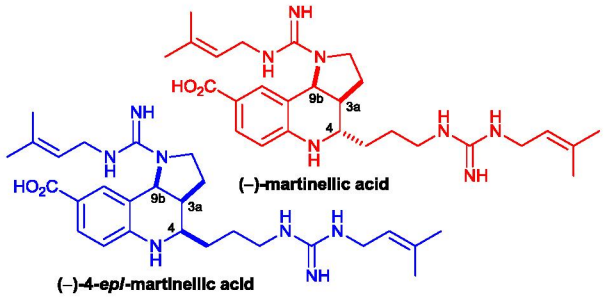




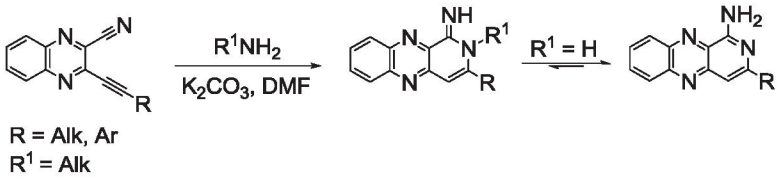


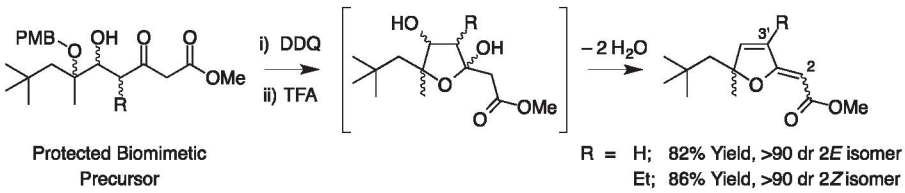


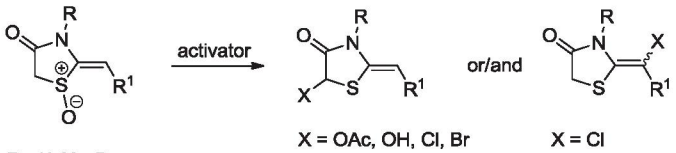


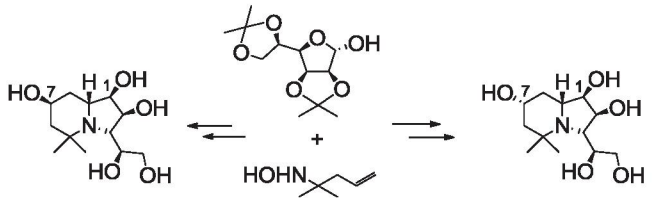


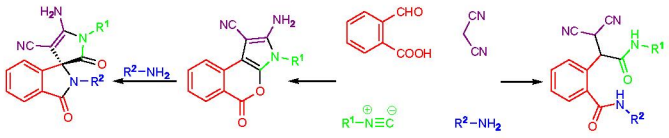
The asymmetric syntheses of (−)-martinellic acid and (−)-4-*epi*-martinellic acid were achieved in 20 steps from commercially available starting materials using a diastereodivergent strategy.

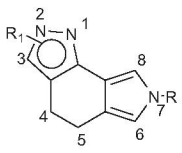




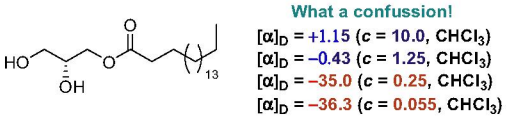


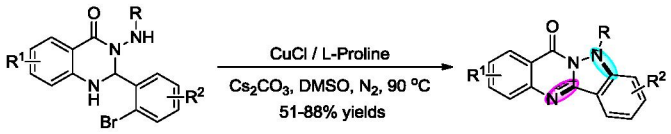


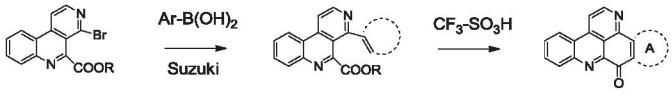


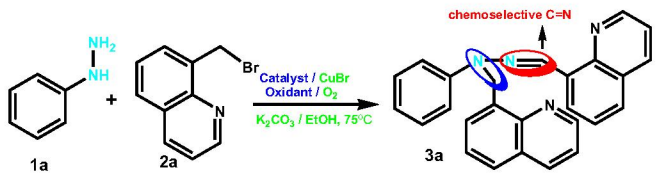


The synthesis of a novel class of tetrahydropyrrolo[3,4-*g*]indazoles is reported, by annelation of the pyrazole ring on the isoindole moiety by means of 5-hydroxymethylene tetrahydroisoindole-4-ones key intermediates, with good regioselectivity. Dihydroderivatives were also obtained by oxidation with DDQ of the corresponding tetrahydropyrrolo[3,4-*g*]indazoles. The growth inhibitory effect was evaluated at the National Cancer Institute of Bethesda and some derivatives showed modest activity.

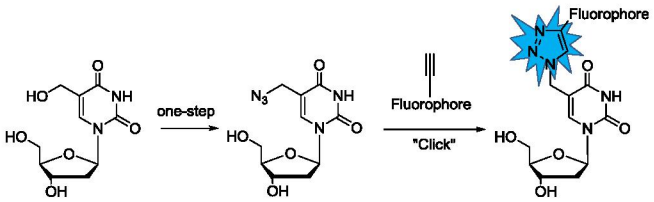


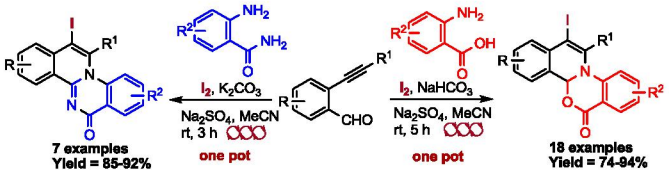


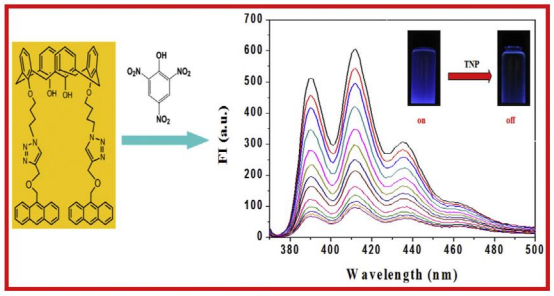


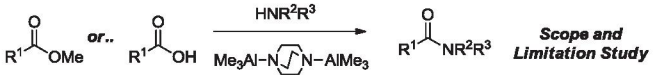


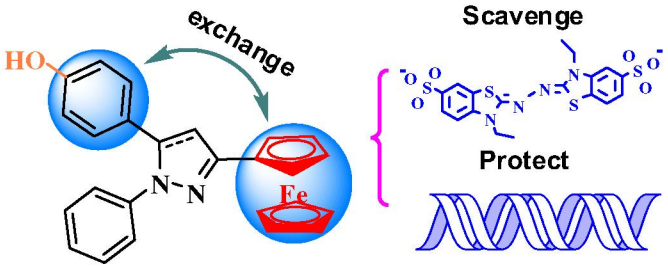
An efficient one-pot sequential synthesis of N-substituted (or NH) bisarylhydrazones based on Cu(I)-catalyzed aerobic oxidative coupling reaction has been developed. A further cyclization reaction could occur towards the synthesis of benzimidazoles or triazoles with elevated temperature. A plausible alkylation–oxidation–alkylation mechanism is proposed based on the control experiments.











Capacities of ferrocenyl dendritic antioxidants to scavenge $ABTS^{+\cdot}$ radical and to protect DNA against AAPH-induced oxidation.

*Corresponding author
Supplementary data available via ScienceDirect

Abstracted/indexed in: AGRICOLA, Beilstein, BIOSIS Previews, CAB Abstracts, Chemical Abstracts. Current Contents: Life Sciences, Current Contents: Physical, Chemical and Earth Sciences, Current Contents Search, Derwent Drug File, Ei compendex, EMBASE/Excerpta Medica, PASCAL, Research Alert, Science Citation Index, SciSearch. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®

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ISSN 0040-4020