

Tetrahedron Letters Vol. 55, Issue 11, 2014

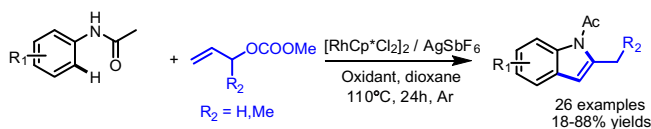
Contents

COMMUNICATIONS

Synthesis of indoles through Rh(III)-catalyzed C–H cross-coupling with allyl carbonates

pp 1859–1862

Tian-Jun Gong, Wan-Min Cheng, Wei Su, Bin Xiao, Yao Fu*

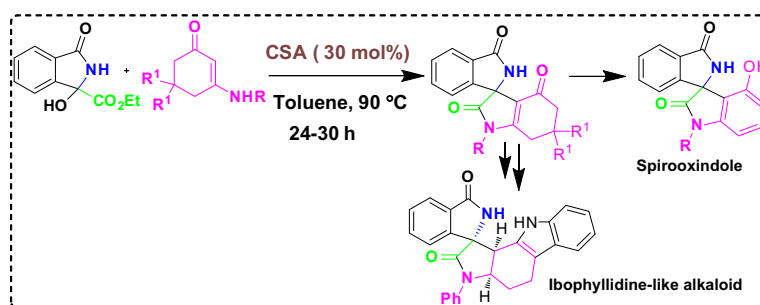


A practical Rh-catalyzed reaction was developed to achieve 2-alkyl-substituted indole synthesis. The reaction can tolerate a variety of synthetically important functional groups (*aryl-Br*, *heterocycle*, *amino acid*). The indole products can also be transformed into other important skeletons. Two bioactive compounds, that is, indomethacin and pravastatin were prepared using the new method.


(±)-CSA catalyzed one-pot synthesis of 6,7-dihydrospiro[indole-3,1'-isoindoline]-2,3',4(1H,5H)-trione derivatives: easy access of spirooxindoles and ibophyllidine-like alkaloids

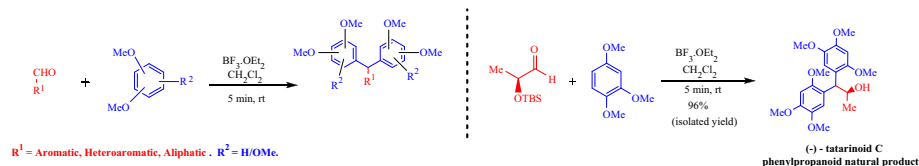
pp 1863–1867

Anvita Srivastava, Shaikh M. Mobin, Sampak Samanta*


A rapid, highly efficient, and general protocol for the synthesis of functionalized triarylmethanes: a straightforward access for the synthesis of (–)-tatarinoid C

pp 1868–1872

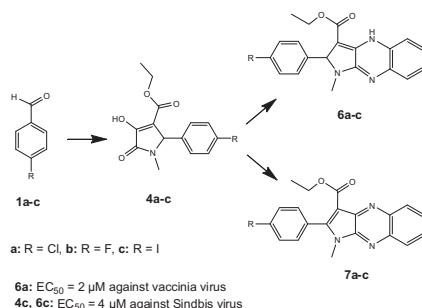
B. Madhu Babu, Pramod B. Thakur, N. Nageswara Rao, G. Santosh Kumar, H. M. Meshram*



A novel and easy two-step, microwave-assisted method for the synthesis of halophenyl pyrrolo[2,3-*b*]quinoxalines via their pyrrolo precursors. Evaluation of their bioactivity

pp 1873–1876

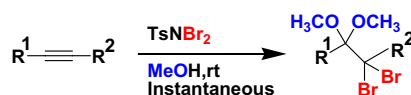
Stella Manta, Dimitra-Niki Gkaragkouni, Eleni Kaffesaki, Petros Gkizis, Dimitra Hadjipavlou-Litina, Eleni Pontiki, Jan Balzarini, Wim Dehaen*, Dimitri Komiotis*



Facile generation of α,α -dibromodimethyl ketals from alkynes using TsNBr₂

pp 1877–1878

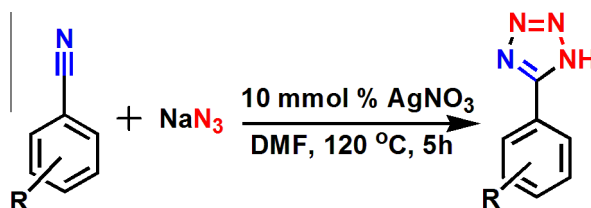
Kamal Krishna Rajbongshi, Prodeep Phukan*



AgNO₃ catalyzed synthesis of 5-substituted-1H-tetrazole via [3+2] cycloaddition of nitriles and sodium azide

pp 1879–1882

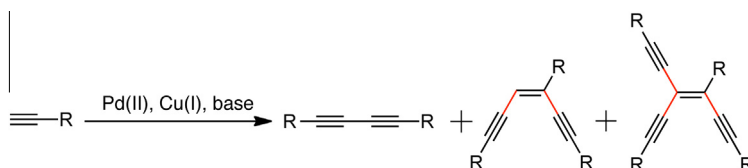
Pavnes Mani, Ashawani Kumar Singh, Satish Kumar Awasthi*



Palladium(II)–copper(I) mediated homotrimerization and homotetramerization of terminal alkynes

pp 1883–1885

Ravi Shekar Yalagala, Ningzhang Zhou, Hongbin Yan*



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