

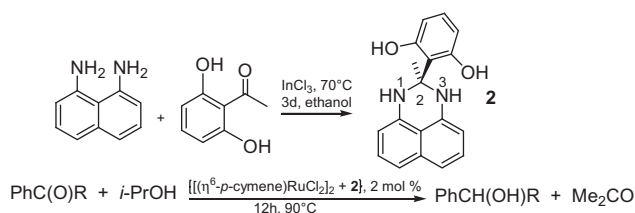
Tetrahedron Letters Vol. 54, Issue 12, 2013

Contents

COMMUNICATIONS

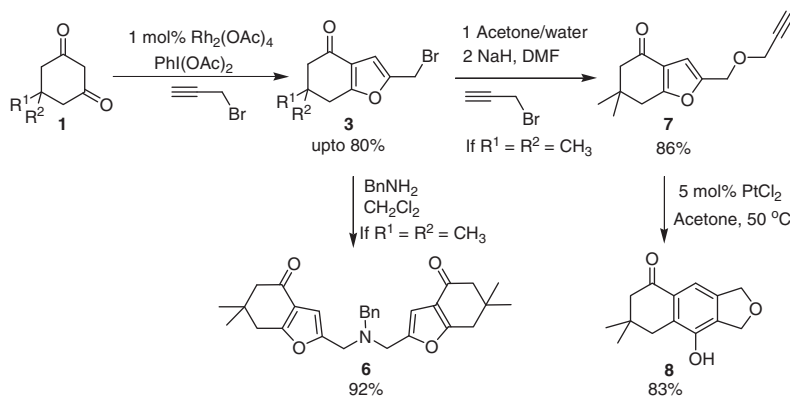
Preparation, structure, and metal coordination of 2-(2-methyl-2,3-dihydro-1H-perimidin-2-yl)benzene-1,3-diol pp 1503–1506

Maria Elena Cucciolito, Barbara Panunzi*, Francesco Ruffo, Angela Tuzi



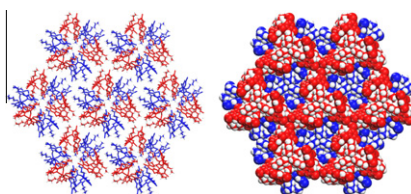
One pot rhodium catalyzed, base and solvent-free synthesis of 2-(bromomethyl)furan derivatives and synthesis of Hashmi phenol through platinum catalyzed cascade cyclization pp 1507–1509

Mahalingam Sivaraman, Doraiswamy Muralidharan, Paramasivan T. Perumal*



A 3D supramolecular network assembly based on thiacalix[4]arene by halogen–halogen, CH–Br, CH–π, and S–π interactions pp 1510–1514

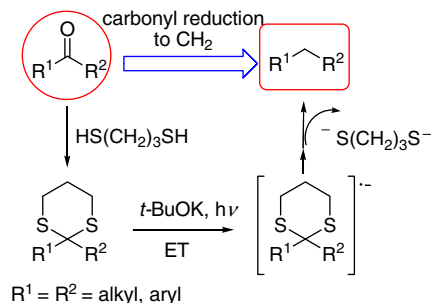
Manabu Yamada*, Yuji Ootashiro, Yoshihiko Kondo, Fumio Hamada*



Photoreduction of aliphatic and aromatic thioketals: new access to the reduction of carbonyl groups by a desulfurization chain process

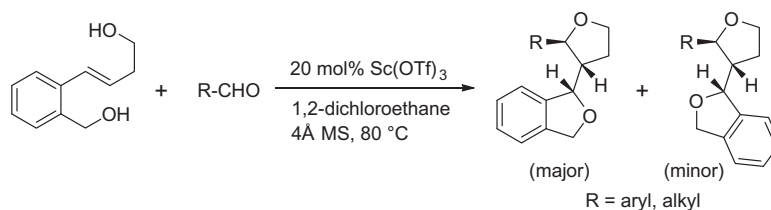
pp 1515–1518

Gabriela Oksdath-Mansilla, Juan E. Argüello*, Alicia B. Peñeñory*


Diastereoselective synthesis of 1-(tetrahydrofuran-3-yl)-1,3-dihydroisobenzofuran derivatives via Prins bicyclization

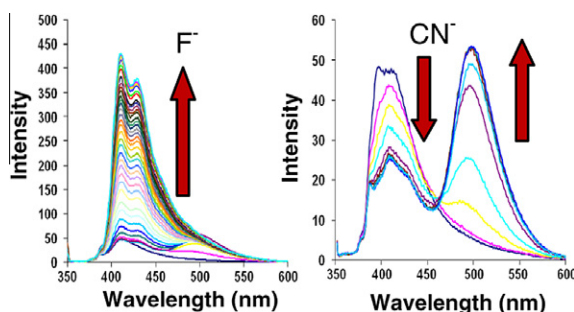
pp 1519–1523

B. V. Subba Reddy*, Sayed Jalal, Prashant Borkar, J. S. Yadav, P. Gurava Reddy, A. V. S. Sarma


Differential fluorogenic sensing of F⁻ versus CN⁻ based on thiacalix[4]arene derivatives

pp 1524–1527

Manoj Kumar*, Rajesh Kumar, Vandana Bhalla

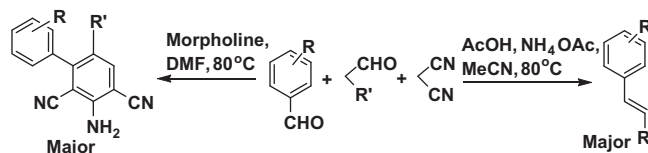


Thiacalix[4]arene based pyrene-appended fluorescent chemosensors **4** and **5** bearing thiourea moieties have been synthesized which show high selectivity towards fluoride and cyanide ions with different recognition behaviour. The addition of fluoride ions leads to enhancement in fluorescence emission of chemosensors **4** and **5**. However, addition of cyanide ions results in ratiometric response with quenching in monomer emission and formation of excimer emission.

One-step method for the synthesis of aryl olefins from aryl aldehydes and aliphatic aldehydes

pp 1528–1530

Hanumant B. Borate*, Supriya H. Gaikwad, Ananada S. Kudale, Subhash P. Chavan, Shrikant G. Pharande, Vitthal D. Wagh, Vikram S. Sawant



A conceptually new one-step reaction affording unexpected aryl olefinic product from aromatic aldehyde, aliphatic aldehyde and malononitrile in the presence of acetic acid-ammonium acetate under mild reaction conditions without using any metal catalyst is reported. This novel reaction was used to prepare a number of substituted aryl olefins including new molecules.



Download English Version:

<https://daneshyari.com/en/article/5264526>

Download Persian Version:

<https://daneshyari.com/article/5264526>

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