

35–40

Preparation and catalytic properties of the triphenylarsine and triphenylstibine-stabilized tri-heteroleptic NHC–Pd–allyl complexes

Jin Yang

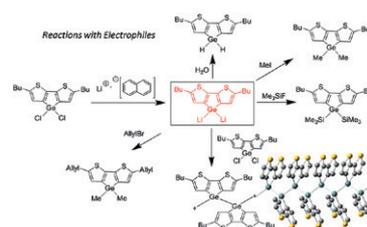
The graphical abstract synopsis: A series of triphenylarsine and triphenylstibine-stabilized tri-heteroleptic NHC–Pd–allyl complexes were synthesized and used in Sonogashira coupling reaction.



47–51

Preparation and reactions of 4,4-dilithiodithienogermole

Jun Hyun Song, Taishi Nabeya, Yohei Adachi, Yousuke Ooyama and Joji Ohshita*

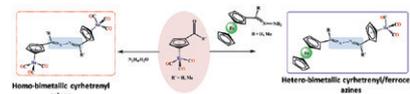


65–70

Homo- and heterobimetallic azines derived from ferrocene and cyrhetrene: Synthesis, structural characterization and electrochemical studies

Johana Gómez, Diego Sierra, Mauricio Fuentealba, Vania Artigas and A. Hugo Klahn*

The synthesis of new organometallic symmetrical homo- and unsymmetrical heterobimetallic azines containing a ferrocenyl and cyrhetrenyl moieties are described. Electronic communication between the organometallic fragments was assigned on the bases of $E_{1/2}$ and coplanarity of the $[(C_5H_4)-C(H) = N-NC(H)-(C_5H_4)]$ system.



71–77

Metallaheteroboranes containing group 16 elements: An experimental and theoretical study

Moulika Bhattacharyya, Rini Prakash, R. Jagan and Sundargopal Ghosh*

New tugstaheteroboranes, $[(Cp^*W)_2(\mu-EPh)(\mu_3-E)(\mu-H)(B_3H_2EPh)]$, an analogue of $[(Cp^*W)_2B_4H_{10}]$ (right) and $[(Cp^*W)_2(\mu-TePh)B_5H_5(\mu-H)_3]$, a capped octahedron having three W-H-B bridging hydrogens (left).

