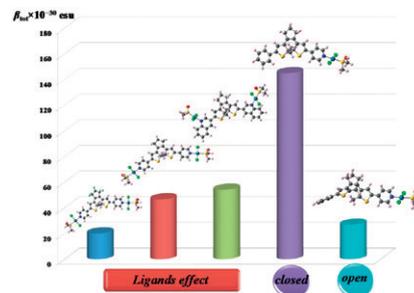


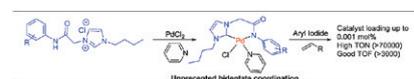
Theoretical exploration of second-order nonlinear optical properties of mono- and bimetallic Pt(II) dithienylcyclopentene complexes: Ligands and photoisomerization effect

Yuan Zhang, Hong-Qiang Wang, Jin-Ting Ye, Xiang Li and Yong-Qing Qiu*



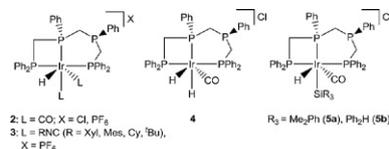
Amido-functionalized N-Heterocyclic carbene ligands and corresponding Palladium Complexes: Synthesis, characterization and catalytic activity

Vidya Zende, Tejpal Singh R. Girase, Nicolas Chrysochos, Carola Schulzke and Anant R. Kapdi*



Synthesis and characterization of iridium hydride complexes with *meso*-Ph₂PCH₂P(Ph)CH₂P(Ph)CH₂PPh₂ (*meso*-dpmppm) as an unsymmetric pincer ligand

Tomoaki Tanase*, Natsumi Mori, Kanako Nakamae and Takayuki Nakajima



VSI: MOLECULES TO MATERIALS

Reactivity studies on aminotroponiminatogermylene stabilized ruthenium(II) complexes

Dhirendra Yadav, Dharmendra Singh, Debotra Sarkar, Soumen Sinhababu, Mahendra Kumar Sharma and Selvarajan Nagendran*

Aminotroponiminatogermylene stabilized Ru(II) complexes are isolated, and the hitherto unknown reactivity of *N*-heterocyclic germylene stabilized Ru(II) complexes is addressed by studying the reactivity of complex **2** with reagents, such as H₂O, SnCl₂, and Me₃SiCl.

