



ELSEVIER

Volume 882 • 1 March 2019

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Abstracted/indexed in: Chemical Abstracts; Current Contents/Physics, Chemical & Earth Sciences; Nuclear Engineering Abstracts; Physics Abstracts; Physikalische Berichte; Scopus; Science Direct

REVIEW

96–111

Recent progress in silver(I)-, gold(I)/(III)- and palladium(II)-*N*-heterocyclic carbene complexes: A review towards biological perspectives

Sunusi Y. Hussaini, Rosenani A. Haque and Mohd R. Razali*

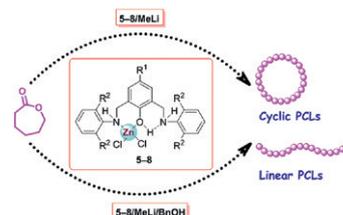


REGULAR PAPERS

1–9

Highly active tridentate amino-phenol zinc complexes for the catalytic ring-opening polymerization of ϵ -caprolactone

Qian Hu, Suyun Jie*, Pierre Braunstein** and Bo-Geng Li

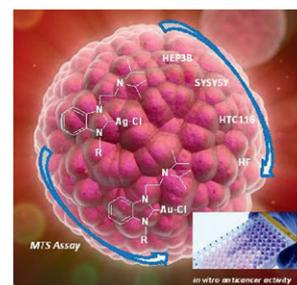


26–32

Amine-functionalized silver and gold *N*-heterocyclic carbene complexes: Synthesis, characterization and antitumor properties

Ümran Kızrak, Osman Çiftçi, İlknur Özdemir, Nevin Gürbüz, Serpil Demir Düşünceli, Murat Kaloğlu, Lamjed Mansour, Fethi Zaghrouba, Naceur Hamdi and İsmail Özdemir*

A series of diisopropylamine-tethered benzimidazolium salts and silver(I)-NHC complexes (**2a-c**) gold(I)-NHC complexes (**3a-c**) were synthesized and characterized. Anticancer study of these compounds were evaluated against the three human cell lines brain (SHSY5Y), colon (HTC116), and liver (HEP3B). Both silver and gold complexes were found to be active against the tested cell lines showing comparable activity with examples in the literature.



0022-328X(20190301)882;1-H

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