

Krystian Pyta

Lista publikacji
z dnia 30 października 2010

Publikacje w czasopismach (przeglądowe)

1. Przybylski P., Huczynski A., **Pyta K.**, Brzezinski B., Bartl F., 2009, **Biological properties of Schiff bases and azo derivatives of phenols**, *Current Organic Chemistry* 13(2): 124-148

Publikacje w czasopismach

1. Przybylski P., **Pyta K.**, Czupryniak J., Wichera B., Daniec M., Ossowski T., Brzezinski B., 2010, **The influence of protonation on molecular structure and physico-chemical properties of gossypol Schiff bases**, *Organic and Biomolecular Chemistry* 8(24): 5511-5518
2. Przybylski P., Kwit M., **Pyta K.**, Pankiewicz R., Schroeder G., Gawroński J., Brzezinski B., 2010, **Structure and atropoisomerisation of diastereoisomeric gossypol Schiff base with (R)-(+)-2-Amino-3-benzyloxy-1-propanol**, *Tetrahedron:Asymmetry* 21(8): 973-981
3. **Pyta K.**, Przybylski P., Huczynski A., Hoser A., Woźniak K., Schilf W., Kamieński B., Grech E., Brzezinski B., 2010, **X-ray, spectroscopic and computational studies of the tautomeric structure of a new hydrazone of 5-nitrosalicylaldehyde with indole-3-acetic hydrazide**, *Journal of Molecular Structure* 970(1-3): 147-154
4. Przybylski P., **Pyta K.**, Stefańska J., Brzezinska B., Bartl F., 2010, **Structure elucidation, complete NMR assignment and PM5 theoretical studies of new hydroxy-aminoalkyl- α,β -unsaturated derivatives of the macrolide antibiotic josamycin**, *Magnetic Resonance in Chemistry* 48(4): 286-296
5. **Pyta K.**, Przybylski P., Schilf W., Kołodziej B., Szady-Chełmieniecka A., Grech E., Brzezinski B., 2010, **Spectroscopic and theoretical studies of the protonation of N-(5-nitrosalicylidene)-ethylamine**, *Journal of Molecular Structure* 967(1-3): 140-146
6. Przybylski P., **Pyta K.**, Ratajczak-Sitarz M., Katrusiak A., Brzezinski B., 2009, **Structure of a New Schiff Base of Gossypol with Ethyl 4-Amino-1-piperidine Carboxylate in the Solid and in the Solution**, *Polish Journal of Chemistry* 83(5): 747-759
7. Przybylski P., **Pyta K.**, Brzezinski B., 2009, **Unexpected α,β -unsaturated products of reductive amination of the macrolide antibiotic josamycin**, *Tetrahedron Letters* 50(45): 6203-6207
8. Przybylski P., **Pyta K.**, Remlein-Starosta D., Schroeder G., Brzezinski B., Bartl F., 2009, **Antifungal activity of alkyl and heterocyclic aza-derivatives of gossypol as well as their complexes with NaClO₄ against Fusarium oxysporum f. sp. Lupine**, *Bioorganic and Medicinal Chemistry Letters* 19(97): 1996-2000
9. Przybylski P., **Pyta K.**, Brzezinski B., 2009, **Complexes of heterocyclic aza-derivatives of phytoalexin from cotton plant-gossypol with alkali metal cations and perchlorate anion studied by ESI mass spectrometric method in the positive and negative modes**, *Journal of Mass Spectrometry* 44(5): 838-846
10. Przybylski P., **Pyta K.**, Stefańska J., Ratajczak-Sitarz M., Katrusiak A., Huczynski A., Brzezinski B., 2009, **Synthesis, crystal structures and antibacterial activity of Aza-derivatives of bisessquiterpene from cotton plants – gossypol**, *European Journal of Medicinal Chemistry* 44(11): 4393-4403
11. Przybylski P., **Pyta K.**, Brzezinski B., 2009, **Fragmentation pathways of new aza derivatives of 16-membered macrolide antibiotic – analog of Josamycin investigated by ESI and FAB mass spectrometric methods**, *Journal of Mass Spectrometry* 44(9): 1395-1401
12. Przybylski P., **Pyta K.**, Ratajczak-Sitarz M., Katrusiak A., Brzezinski B., 2008, **X-ray, FT-IR, ESI MS and PM5 studies of Schiff base of gossypol with allylamine and its complexes with alkali metal cations and perchlorate anion**, *Structural Chemistry* 19(6): 983-995

13. Przybylski P., Pyta K., Wicher B., Gdaniec M., Brzezinski B., 2008, ***Structure of a new Schiff base of gossypol with 1-(3-aminopropyl)-2-pyrrolidinone studied by the X-ray, FT-IR, NMR, ESI-MS and PM5 methods***, *Journal of Molecular Structural* 889(1-3): 332-343