

Synthesis, Application of Buffered Schiff Bases and its metal complexes

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Abstract

Three compounds, p-aminobenzyliden- α -naftylamine and its buffered metal complexes have been successfully prepared. The complexes obtained are characterized by using IR, NMR and EPR spectroscopy. It has been established that they have shown a high antimicrobial and antioxidant properties. Studies have shown that the investigated metal complexes are effective inhibitors of the oxidation of complex action: Terminated chain oxidation reaction with peroxide radicals and hydroperoxide are catalytically decomposed Azomethine derivatives have been found to be more effective standards oxidants as the process dominantly affects the overall antioxidant behavior of. The investigation of antimicrobial properties show that these compounds behave like high antimicrobial agents.

Biography:

Rahimova Aysel Ruflan gizi was born in a intellectual family in 1988 year. In 2005 she has graduated school and entered Baku State University department of Chemistry. In 2009 year she has graduated bachelor degree (distinctive) and in 2011 year Master degree. 2016 year she has completed Phd. She has been working at Baku University the department of inorganic Chemistry as a teacher and scientific researcher. She has published more than 40 paper in different scientific journals.\

Speaker Publications:

1. SYNTHESIS OF ECOFRIENDLY COMPOUNDS TO PROTECT OF HUMAN BODY FROM THE BIODEGRADATION
2. SYNTHESIS AND APPLICATION OF ANTIOXIDANT PROPERTIES OF AZOMETHINES AND ITS COMPLEXES
3. Synthesis And Characterization of Schiff Bases with Different Amino Derivatives and its metal complexes.

[3rd Edition of EuroSciCon Conference on Chemistry, August 17-18, 2020.](#)



Abstract Citation: Rahimova Aysel, *Synthesis, Application of Buffered Schiff Bases and its metal complexes*, Chemistry 2020, 3rd Edition of EuroSciCon Conference on Chemistry, August 17-18, 2020. doi:10.4172/2161-0398.1000282