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SYNTHESIS OF BIOLOGICALLY ACTIVE COMPOUNDS BASED ON *o*-FERROCENYLBENZOIC ACID

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ABSTRACT

The article provides information on the importance of biologically active compounds derived from ferrocene, one of the important representatives of metallocenes, in the chemical industry, medicine, pharmacology, on the synthesis of an o-ferrocenylbenzoic acid derivative with amygdalin ([(6-O-β-D-glucopyranosyl -4-O-(o-ferrocenylbenzoyl)-β-D-glucopyranosyl) oxy]phenyl) acetonitrile), reaction with monomethylol-urea and reaction product (1-(2-carboxyphenyl)-1'-N-methyloxy-ferrocenylamide) , as well as the results of IR and mass spectral analysis and study of the biological activity of water-soluble salts of the obtained compounds.

KEYWORDS: *Ferrocene, П-Complex, Physiological Activity, O-Ferrocenylbenzoic Acid, 1-(2-Carboxyphenyl)-1'-N-Methyloxyferrocenamide, AKHM, IR Spectroscopy, Mass Spectrometry.*

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