## Short Communication

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## Synthesis and the relationship between structure and antihypoxic activity of 5-aryl-4-benzoyl-3-hydroxy-1-[2-(2-hydroxyetoxy)ethyl]-3-pirrolin-2-ones

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## Abstract

The number of compounds of 5-aryl-4-benzoyl-3-hydroxy-1-[2-(2-hydroxyethoxy) ethyl] -3-pyrroline-2-ones was obtained by using preparative techniques. The structures of the compounds has been demonstrated by using IR and <sup>1</sup>H NMR spectroscopy.

The antihypoxic activity of the synthesized compounds has been studied by methods normobaric and hemic hypoxia. The relationship between the structure of compounds and their antihypoxic activity have been detected.