

## Further structural analysis of GnRH complexes with metal ions.

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### Rok wydania

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### Czasopismo

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### Streszczenie

MALDI-TOF mass spectrometry,  $^1\text{H}$  NMR spectrometry, the continuous variation method and molecular modeling by MM3 calculation confirmed our earlier studies showing that gonadotropin-releasing hormone (GnRH) forms complex with copper(II) ion with the binding ratio 1:1. The copper(II) complex formed at physiological pH has a square planar configuration and GnRH complexes with nickel(II) and cobalt(II) ions are less stable than that of copper(II).

### Słowa kluczowe

GnRH, Metal complexes, Maldi-Tof mass spectrometry