

## Cobalt(II) and rhodium(I) metal complexes of thia- and oxasapphyrins.

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### Streszczenie

The synthesis and X-ray crystallographic characterization of the following heterosapphyrin metal complexes is presented: cobalt(II)-3,7,18,22-tetraethyl-2,8,17,23-tetramethyl-27-oxasapphyrin diacetate 2; cobalt(II)-3,7,18,22-tetraethyl-2,8,17,23-tetramethyl-27-thiasapphyrin dichloride 3; and bisrhodium(I)-3,7,18,22-tetraethyl-2,8,17,23-tetramethyl-27-thiasapphyrin tetracarbonyl 4. The complexes 2 and 3 were formed by addition of a solution of the metal salt in methanol to the heterosapphyrin dissolved in chloroform. Complex 4 was synthesized by addition of  $[\text{RhCl}(\text{CO})_2]_2$  to a solution of thiasapphyrin, which contained triethylamine. In all three complexes, the relevant metal cation is coordinated to two pyrrolic nitrogen atoms, where one ligating nitrogen is localized in the bipyrrrole...

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