

Bulletin of the Academy of Sciences of the USSR Division of Chemical Science 1979 vol.28 N10,  
pages 2065-2070

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## **Spatial structure of phosphorus-containing heterocycles. 23. 2-Phenoxy-1,3,2-dioxaphosphorinanes with four- coordinate phosphorus**

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### **Abstract**

1. The change in the valence state of the phosphorus atom influences the orientation with respect to the P-O(Ph) bond in 2-phenoxy-2-oxo(thiono)-1,3,2-dioxaphosphorinanes. 2. An orthogonal conformation is realized in the O-Ph fragment of the compounds investigated, regardless of the hybridization of the phosphorus. © 1980 Plenum Publishing Corporation.

<http://dx.doi.org/10.1007/BF00947554>

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