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## Synthetic possibilities sulfenyl chlorides group in β-diketonate chelates

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## **Abstract**

Sulfenilhlorid's derivatives of  $\beta$ -diketonate complexes were obtained and the reactions of sulfenilhlorid's group were studied. The reactions of addition and substitution of  $\beta$ -diketonates sulphenylchlorides showed that similar interactions as for SCl-groups in organic compounds are occurring. That enables the synthesis of a wide range of  $\gamma$ -thiosubstituted diketonates. Chromium(III) acetylacetonate sulphenylchlorides were used for dendrimers obtaining. With using of boron difluoride sulfenilhlorid complex new pyrazoles and diketones were synthesized.