

## Synthesis and conformational analysis of phosphine selenides

Malysheva S., Belogorlova N., Vereshchagina Y., Alimova A., Ishmaeva E., Chachkov D.  
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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### Abstract

© Pleiades Publishing, Ltd., 2016. Methods of preparation of complex phosphine selenide via the original Trofimov-Gusarova reaction are described. The results of the products conformational analysis by means of a set of physical methods (IR spectroscopy, dipole moments, and quantum chemical calculation) are presented.

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### Keywords

Conformational analysis, Phosphine selenide, Polarity, Quantum chemical calculation, The Trofimov-Gusarova reaction