Full Paper	Thematic Section: Preparative Chemistry.	
Registration Code of Publication: 10-22-11-30	Subsection: Organic Chemistry.	
Publication is available for discussion in the framework of the on-line Internet conference "Butlerov readings".		
http://butlerov.com/readings/		

Contributed: November 9, 2010.

## Preparation of novel 1-arylpyrazoles sulfo-derivatives

© Yuriy V. Novozhilov,\* Mihail K. Korsakov, Oleg A. Yasinskiy, and Mihail V. Dorogov Research and educational center "Innovative research". Yaroslavl state pedagogical university named after K.D. Ushinskiy. Respublikanskaya St., 108. Yaroslavl, 150000. Russia. E-mail: unov@bk.ru

**Keywords:** phenylpyrazole, sulfofunctionalisation, sulfamide derivatives.

## **Abstract**

In present paper results of sulfochlorination of some 1-arylpyrazoles are presented. Orientation of influence of substituents on electrophilic substitutions process is shown. Structures of prepared sulfoderivatives are confirmed using <sup>1</sup>H NMR and NOESY spectroscopy.

30	© Butlerov Communications. <b>2010</b> . Vol.22. No.11	Kazan. Republic Tatarstan. Russia.

<sup>\*</sup>Supervising author; \*Corresponding author