| Thematic Section: Preparative Chemistry. | Full Paper |
|--|----------------|
| 1 | - 1 |

Subsection: Supramolecular Chemistry.

Registration Code of Publication: 10-22-12-1

Publication is available for discussion in the framework of on-line conference "Butlerov readings".

http://butlerov.com/readings/

Contributed to editorial board: December 8, 2010.

The role of templates in the syntheses of calix[4]arene-bis[ruthenium(II)porphyrinates]

© Galina M. Mamardashvili, and Nugzar Zh. Mamardashvili

Institute of solution chemistry. Russian academy of sciences. Akademicheskaya St., 1. Ivanovo, 153045. Russia. Phone: +7 (4932) 33-69-90. E-mail: gmm@isc-ras.ru

*Supervising author; *Corresponding author

Keywords: calix[4] aren-bisporphyrin, template synthesis, binding ability.

Abstract

Synthesis of the calix[4]arene-bis[ruthenium(II) carbonylporphyrinates] with the fixed arrangement of the extraligands from outside of the interporhyrin cavity of the macroheterocycles have been performed by using the diazabicyclo[2,2,2]octane and 1,4-diazine as supromolecular templates.