NEW CHROMOPHORES CONTAINING 2,5-DI(THIOPHEN-2-YL) 1H-PYRROL-1-YL FRAGMENT: SYNTHESIS AND INVESTIGATION OF OPTICAL AND ELECTROCHEMICAL PROPERTIES

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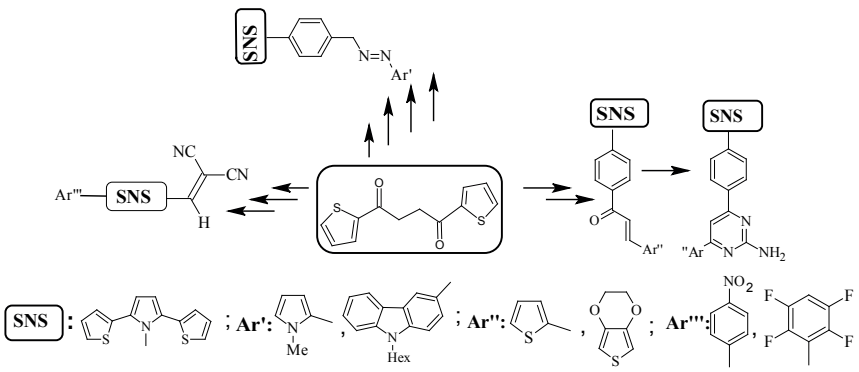
The synthesis and investigation of a new set of N-substituted 2,5-di(thiophen-2-yl)-9H-pyrroles are presented. Spectral and electrochemical characteristics as well as the frontier orbital energies and HOMO/LUMO gaps of the compounds synthesized have been evaluated and described [1-2].



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1. Kalinin A., Sharipova M., Burganov T., et al. // Dyes Pigm. 2018. V. 156. P. 175.

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