Title: Condensation of 4- amino- 2- mercapto[1,2,4]triazoles with 2,3-dichloroquinoxaline.

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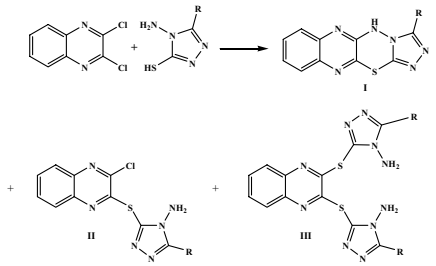
Fused *N,S* containing heterocycles are attended for their diverse biological properties[1-5]. In this research we describe the condensation of 4- amino- 2-mercapto[1,2,4]triazoles with 2,3- dichloroquinoxaline, as an approach for the synthesis of triazolothiadiazinoquinoxaline (**I**), monotriazolesubstitutedquinoxaline (**II**), and bistriazolesubstitutedquinoxaline (**III**). Preparation of the precursor was previously described by our research group [5].



The latter compound is a suitable starting material for the synthesis of interesting macrocycles. The spectral data of the above compounds were assigned. Our investigation also showed that some reaction conditions would influence on the yield of each products. Isolation and purification techniques for was described.

References:

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2. M. Rahimizadeh, M. Nikpour and M. Bakavoli, *J. Heterocycl. Chem.*, **44**.
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