

New Many Fold 1,2,3-Selenadiazole Aromatic Derivatives

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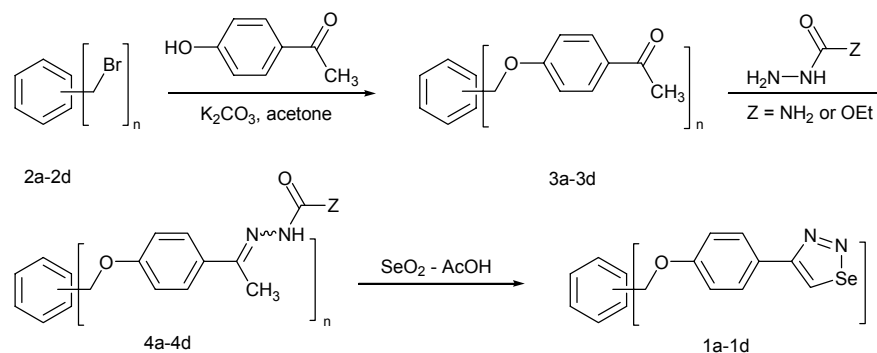
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Heterocyclic systems with multi-arm 1,2,3-thiadiazoles were recently prepared by Meier *et. al* [1-2], however heterocyclic systems containing two 1,2,3-selenadiazole rings were also recently prepared by Reddy *et. al* [3]. But multi-arm 1,2,3-selenadiazoles are still unknown. Therefore depending on a previous knowledge of the principal investigator in synthesizing multi-arm 1,2,3-thiadiazoles, the analogous multi-arm selenadiazoles are prepared following the method that is first reported by Lalezari *et. al* [4], through reacting the corresponding semicarbazones or hydrazones of α -ketomethylene functionality which contain aminocarbonyl or ethoxycarbonyl groups as good leaving groups with selenium dioxide.

On the other hand, selenium containing heterocycles are of increasing interest because of their chemical properties [5] and biological activities [6].

We reported herein on our efforts to generate the manyfold branched benzene derivative compounds **1a**, **1b**, **1c** and **1d** and the study of their chemical reactivity.



References:

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