Polymers containing diacetylenic groups have been prepared. Then polymers were modified with different aromatic amines to obtain pyrroles. Polymeric and Model reactions both were studied. Reactions between aromatic amines and diacetylenes to give 2,5 disubstituted pyrroles were catalyzed by copper chloride (I).[1] Furthermore mechanism of the nucleophilic reaction of amines to diacetylenic group was proposed theoretically.


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