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(54) Title: STIMULUS RESPONSIVE POLYMERS FOR THE PURIFICATION OF BIOMOLECULES

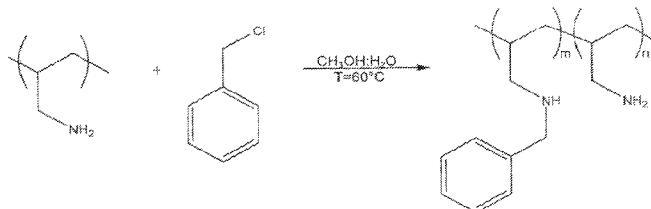


Figure 1. Reaction of polyallylamine with benzylchloride. The letters "m" and "n" represent the different types of monomer units in the polyelectrolyte backbone.

(57) Abstract: The present invention provides novel and improved stimulus responsive polymers and methods of using the same for the purification of biomolecules.