

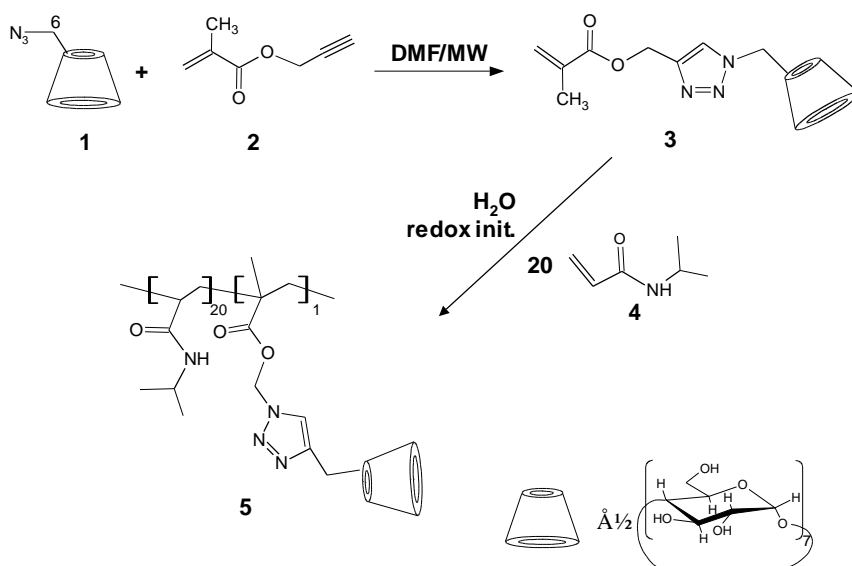
FUNCTIONALIZED POLYMERS: NEW RESULTS FROM DÜSSELDORF

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Hydrophilic polymers with so-called LCST (lower critical solution temperature) behavior are soluble within a certain temperature range but undergo phase separation or a change in volume above a critical temperature value. In this area, poly(*N*-isopropylacrylamide) has been widely investigated. Recently we prepared copolymers correspondingly bearing cyclodextrin moieties.



This type of click-chemistry has been extended for the synthesis of supramolecular nanostructures via host-guest interactions.

References

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