

Synthesis of adamantyl containing urea, thiourea and bisurea – monomers for cyclodextrin supramolecular polymers

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Abstract

Adamantyl containing urea and bisurea which may find application as monomers for supramolecular structures cyclodextrin were synthesized. On the basis of synthesized urea supramolecular inclusion complexes with β -cyclodextrin were obtained. The article presents data on the synthesis of new adamantyl containing urea and bisurea. Reactions were carried out under mild conditions with high yields.