

عنوان مقاله:

Synthesis and characterization of supramolecule self-assembly polyamidoamine (PAMAM) G1-G1 NH₂, CO₂H end group Megamer

محل انتشار:

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نویسندگان:

Omid Louie - *Department of Chemistry, Payame Noor University, P.O. BOX 19395-4697 Tehran, Iran*

Abdolhoossien Massoudi - *Department of Chemistry, Payame Noor University, P.O. BOX 19395-4697 Tehran, Iran*

Samaneh Maqsoodi - *Department of Chemistry, Payame Noor University, P.O. BOX 19395-4697 Tehran, Iran*

خلاصه مقاله:

Supramolecule self-assembly polyamidoamine (PAMAM) dendrimer refers to the chemical systems made up of a discrete number of assembled molecular subunits or components. These strategies involve the covalent assembly of hierarchical components reactive monomers, branch cells or dendrons around atomic or molecular cores according to divergent/convergent dendritic branching principles, systematic filling of space around a core with shells (layers) of branch cells. The polydispersity index (PDI) for the supramolecule megamer are pretty closed to one, are in agreement with the Poisson probability distribution. Polyamidoamine (PAMAM) dendrimer G1-G1 that it was PAMAM Megamer NH₂, COOH end group synthesized and characterized by FT-IR, ¹H NMR, ¹³C NMR spectra and Gel Permeation Chromatography (GPC).

کلمات کلیدی:

Supramolecule, polyamidoamin, PAMAM Megamer, self-assembly, dendrimer

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