

Soft template synthesis of macrocyclic copper(II) chelates with 3,9-dithio-4,8-dia-a-6-oxaundekandithioamide-1,11 in a Cu₂[Fe(CN)₆]-gelatin-immobilized matrix

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Abstract

Soft template synthesis of macrocyclic copper(II) chelates with 3,9-dithio-4,8-dia-a-6-oxaundekandithioamide-1,11 in a Cu₂[Fe(CN)₆]-gelatin-immobilized matrix (GIM), was presented. The process of template synthesis between copper(II), dithiomalonamide and methanol occurred only in GIM. Results indicated that the complexing process in the system under examination was independent of the gelatin type.

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