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Index Abstracts

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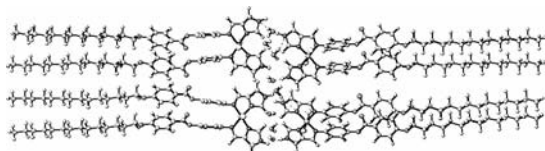
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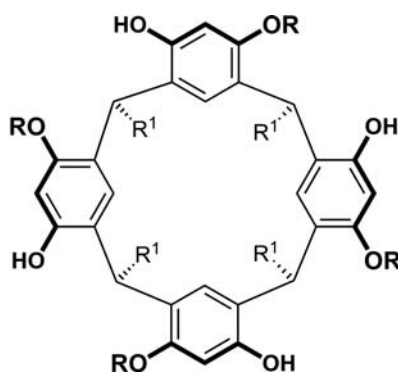
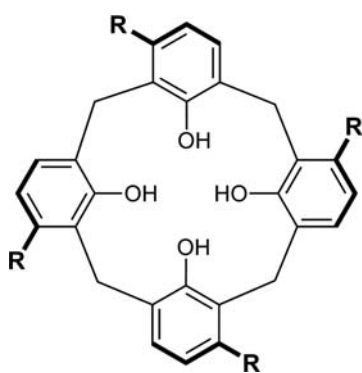
Index Abstracts



Oleg N. Kadkin, Jigeon Tae, Eun Ho Kim, So Yeon Kim and Moon-Gun Choi

Effect of hydrogen-bonded supramolecular assembling on liquid crystal properties of imidazole-containing azomethines and their chelates with copper(II)

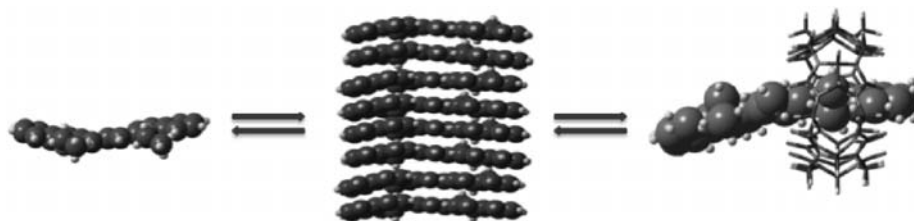
1–12



M.J. McIlldowie, M. Mocerino and M.I. Ogden

A brief review of C_n -symmetric calixarenes and resorcinarenes

13–39

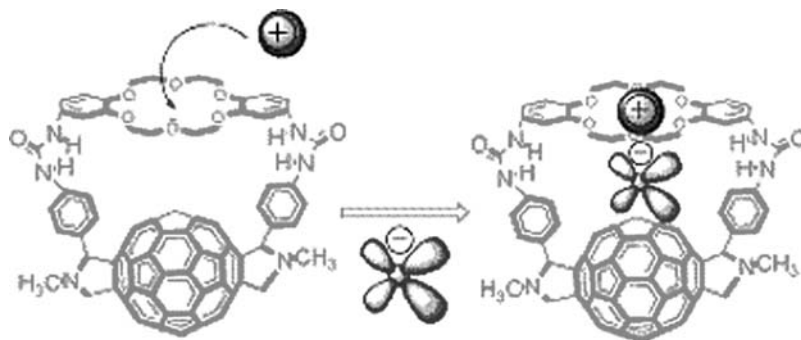


Elizabeth K. Batchelor, Suresh Gadde and Angel E. Kaifer

Host–guest control on the formation of pinacyanol chloride H-aggregates in anionic polyelectrolyte solutions

40–45

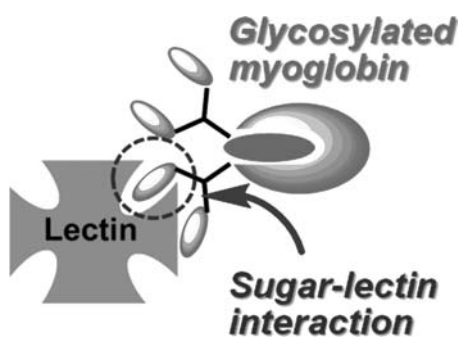
Inclusion of K^+ into the crown ether cavity resulted in efficient and selective binding of $H_2PO_4^-$ by a novel heteroditopic receptor based on dibenzo[18]-crown-6 fullerene-bis(pyrrolidine).



Anish Kumar and Shobhana K. Menon

Cooperative anion recognition by a novel heteroditopic receptor based on dibenzo[18]crown-6 fullerene-bis(pyrrolidine)

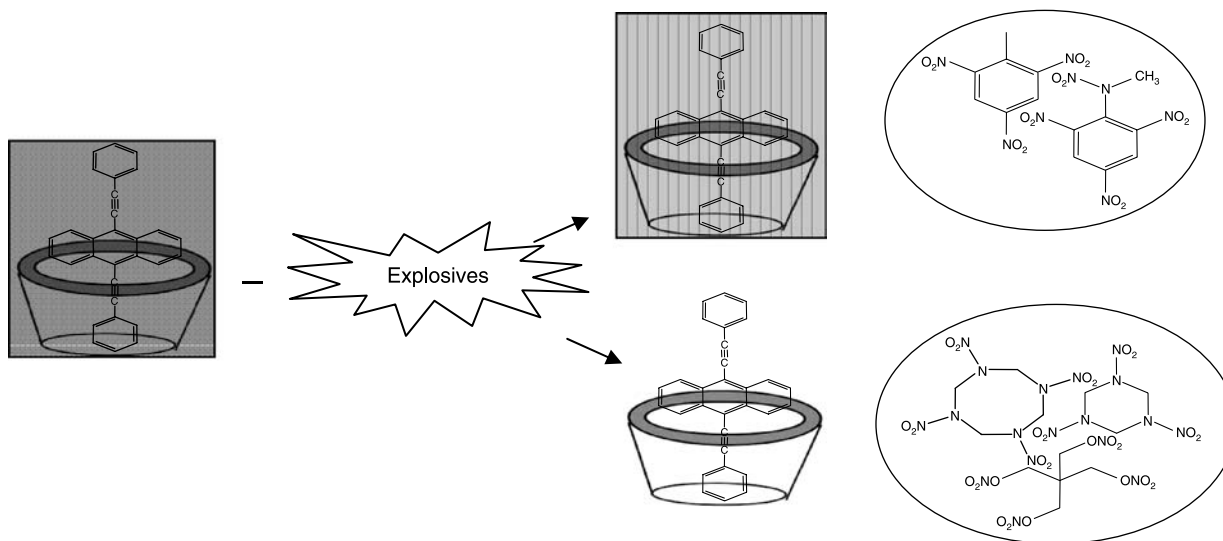
46–56



Hirokazu Nagai, Akira Onoda, Takashi Matsuo and Takashi Hayashi

Supramolecular protein–protein complexation via specific interaction between glycosylated myoglobin and sugar-binding protein

57–64



A cyclodextrin inclusion complex (CIC) was prepared by the addition of 9,10-bis (phenylethynyl) anthracene (BPEA) to γ -cyclodextrin (CD) (BPEA/CD) in water with 5% tetrahydrofuran by volume. The binding of TNT, RDX, Tetryl, HMX and PETN with the CD/BPEA complex was studied for its potential use in a sensing application. This CD-based fluorescence sensor showed promise for the detection of nitroaromatic explosives.

Aravindan Ponnu and Eric V. Anslyn

A fluorescence-based cyclodextrin sensor to detect nitroaromatic explosives

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