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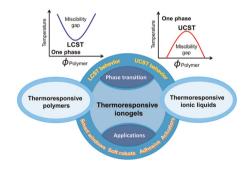
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Thermoresponsive ionogels

Qianxi Zhou and Yongjun Men*



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Building-block approach to discrete and sequencespecific oligosiloxanes

Takahiro Kawatsu, Hiroyuki Minamikawa, Kazuhiko Sato and Kazuhiro Matsumoto*

AAAABBBB sequence
Me Phi Phi Phi Phi Me Me Me Me Phi Phi Phi Phi Me Me Me Me Phi Phi Phi No Me Me Me Phi Phi Phi No Me
AAABBB sequence
Me Ph Ph Ph Me Me Me Me Ph Ph Ph Me Me Me Ph Ph Ph Me Me Ph Ph NP NP Me Me Me Ph Ph Ph Me Me Me Me Me 中心中心中心中心中心中心中心中心中心中心中心中心中心中心中心中心中心中心中心
AABB sequence
Ma Ph. Ph. No. Ma Ph. Ph. Ma No. Ph. Ph. Ma No. No. Ph. Ph. Ma No.
AB sequence
Mar Pri Mar Pr



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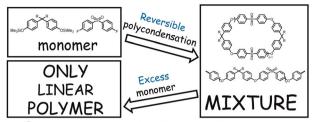
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Selective synthesis of cyclic-polymer-free poly(ether sulfone)s with OH ends or F ends by non-stoichiometric, reversible polycondensation

Takayoshi Katoh, Reo Yamato, Yoshihiro Ohta and Tsutomu Yokozawa*

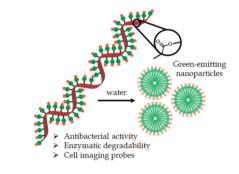


Excess monomer is ring-opening reagent for cyclic polymer formed during polymn.

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Synthesis of amphiphilic cationic polyesters and their antibacterial activity

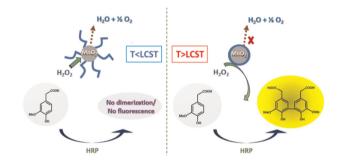
Subhendu Biswas, Ranajit Barman, Mampi Biswas, Ankita Banerjee and Anindita Das*



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Design of poly(N-isopropylacrylamide) coated MnO₂ nanoparticles for thermally regulated catalytic decomposition of H₂O₂

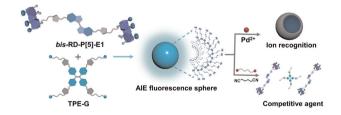
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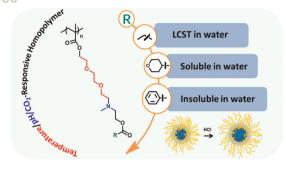
A luminescent supramolecular polymer based on a stiff-stilbene bridged pillar[5]arene as a Pd²⁺-responsive smart material

Jing Wu, Chuanyun Liang, Jianyi Zhao, Han Zuilhof and Hongxia Zhao*



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Preparation and characterization of temperature/pH/CO₂-triple-responsive homopolymers and their substituent determined response

Ke Wang,* Zilong Wang, Meiyu Si, Xiaofang Liu, Guiyan Liu and Yongfei Zeng*