

Low molecular mass gelators - design, self-assembly, function

Springer - Progress in the studies of low

Description: -



Jazz musicians -- United States -- Biography
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 Public works -- Switzerland -- Bern -- History -- 18th century.
 Gelation
 Colloids
 Supramolecular chemistry
 Low molecular mass gelators - design, self-assembly, function

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Low molecular

Small Molecular Gelling Agents to Harden Organic Liquids: Alkylamide of N-Benzylloxycarbonyl-L-valyl-L-valine 1993 J. Synthesis of Dendritic Glycoclusters and Their Applications for Supramolecular Gelation and Catalysis.

Phenylalanine and derivatives as versatile low

The solvent was removed under reduced pressure, and the crude product was purified by RP C18 HPLC total yield: 67%. Supramolecular synthons in noncovalent synthesis of a class of gelators derived from simple organic salts: Instant gelation of organic fluids at room temperature via *in situ* synthesis of the gelators. Scale bar, b, 100 nm; c, 25 μm; d, 100 nm

Extended research on molecular gels: From the perspective of development of three dimensional fluorescent sensing films and low

Soft Matter 8, 204—216 2012. But lack of a convenient approach for studying the self-assembly of small molecules inside cells hinders the development of such systems. Smith: Dendritic Gelators Series Title: , Vol.

Rational Design of Low Molecular Mass Organogelators: Toward a Library of Functional N-Acyl-1,ω-Amino Acid Derivatives, Angewandte Chemie International Edition

Effects of Optical Purity and Finite System Size on Self-Assembly of 12-Hydroxystearic Acid in Hexane: Molecular Dynamics Simulations. Epoxy-Based Organogels for Thermally Reversible Light Scattering Films and Form-Stable Phase Change Materials. There are several drawbacks associated with current CRDs because they involve multi-step preparation protocols, exhibit low pheromone-holding capacities, are not , and exhibit leaking of the pheromones when compressed or broken.

(Macro)molecular self

Synthetic matrix metalloproteinase-sensitive hydrogels for the conduction of tissue regeneration: engineering cell-invasion characteristics. Potential

applications of the LMMGs in spilled oil collection and water purification are briefly presented.

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