

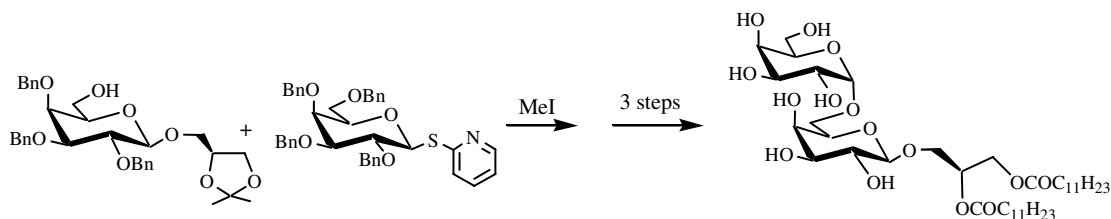
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Syntheses of an  $\alpha$ -D-Gal-(1 $\rightarrow$ 6)- $\beta$ -D-Gal diglyceride, as lipase substrate

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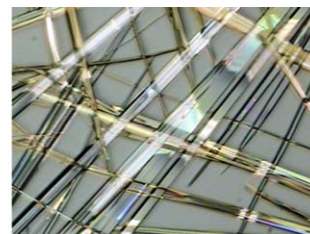
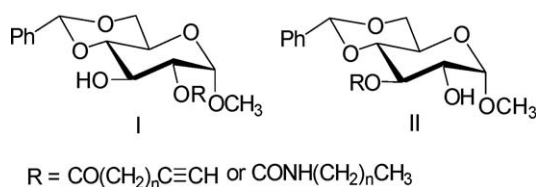
Dominique Lafont, Frédéric Carrière, Francine Ferrato and Paul Boullanger\*



Synthesis and characterization of monosaccharide lipids as novel hydrogelators

pp 705–716

Guijun Wang,\* Sherwin Cheuk, Kristopher Williams, Vibha Sharma, Lousi Dakessian and Zeus Thorton



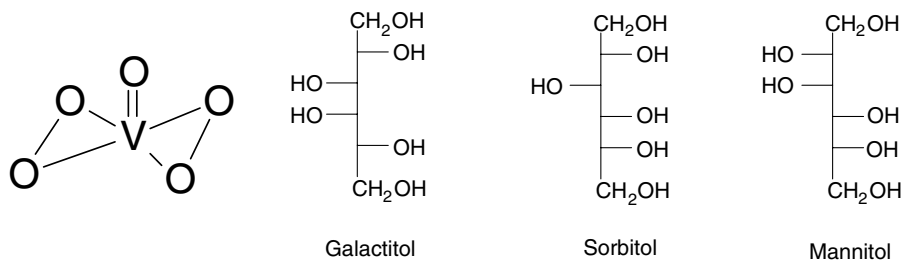
Short chain functionalized glucose derivatives I and II are excellent hydrogelators, they formed interesting self-assembling nanostructures.



Synthesis, characterization, and biological activity of oxovanadium(IV) complexes with polyalcohols

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Patricia A. M. Williams, Susana B. Etcheverry, Daniel A. Barrio and Enrique J. Baran\*

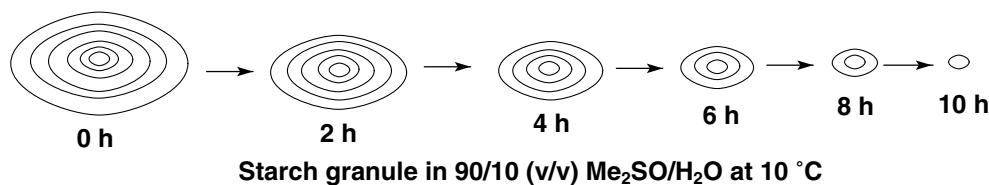




**Controlled peeling of the surfaces of starch granules by gelatinization in aqueous dimethyl sulfoxide at selected temperatures**

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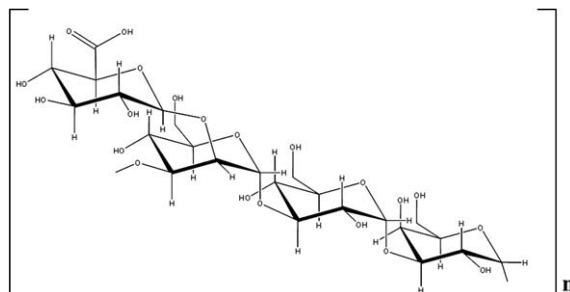
Romila Mukerjea, Rupendra Mukerjea and John F. Robyt\*



**Structural analysis of an extracellular polysaccharide produced by *Rhodococcus rhodochrous* strain S-2**

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Makoto Urai, Hiroshi Anzai, Jun Ogihara, Noriyuki Iwabuchi, Shigeaki Harayama, Michio Sunairi\* and Mutsuyasu Nakajima

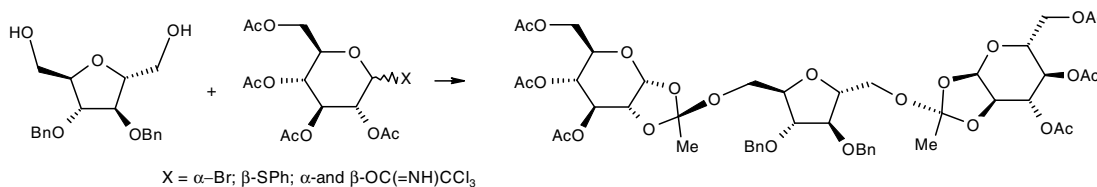


**NOTES**

**Glycosidation of 2,5-anhydro-3,4-di-*O*-benzyl-D-mannitol with different glucopyranosyl donors. A comparative study**

pp 776–781

Anikó Tegdes, Gábor Medgyes, Sándor Boros and János Kuzsmann\*



**Determination of the degree of acetylation of chitosan by UV spectrophotometry using dual standards**

pp 782–785

Dasheng Liu,\* Yuanan Wei, Pingjia Yao and Linbin Jiang

The degree of acetylation (DA) of a sample of chitosan can be calculated by the equation:

$$DA = \frac{161.1 \cdot A \cdot V - 0.0218m}{3.3615m - 42.1 \cdot A \cdot V}$$

where *m* is the number of milligrams of chitosan, *V* is the volume of the solution in liters, and *A* is the UV absorbance of the solution.

**The structure of the O-polysaccharide from the lipopolysaccharide of *Providencia alcalifaciens* O30**

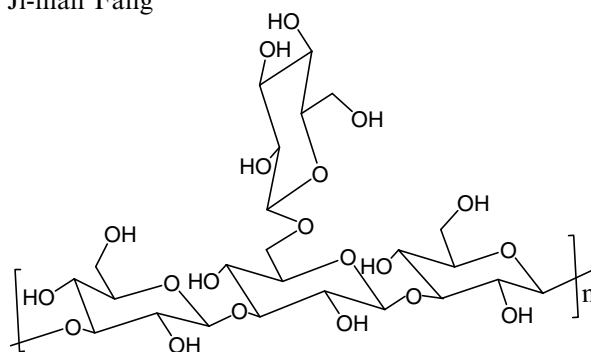
pp 786–790

Nina A. Kocharova, Olga G. Ovchinnikova,\* Agnieszka Torzewska, Alexander S. Shashkov, Yuriy A. Knirel and Antoni Rozalski

**A  $\beta$ -D-glucan isolated from the fruiting bodies of *Hericium erinaceus* and its aqueous conformation**

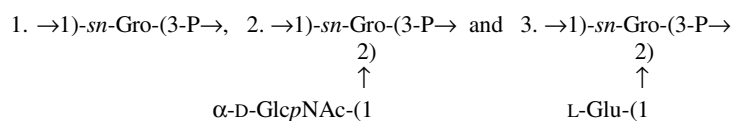
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Qun Dong,\* Lian-meng Jia and Ji-nian Fang

**Cell wall teichoic acids of streptomycetes of the phenetic cluster '*Streptomyces fulvissimus*'**

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**OTHER CONTENT****Corrigendum**

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\*Corresponding author

i\* Supplementary data available via ScienceDirect

**COVER**

Image represents a key process of malaria parasites multiplying in, and rupturing from the human blood cell. The parasite surface is coated with glycosylphosphatidylinositols (GPIs), which have been identified as the malaria toxin by a collaborative effort between the research groups headed by Peter Seeberger (Swiss Federal Institute of Technology (ETH) Zürich, Switzerland) and Louis Schofield (Walter and Eliza Hall Institute of Medical Research, Australia). The space filling model represents the native GPI molecule from malaria parasite that has been chemically synthesized by the Seeberger group. Professor Peter Seeberger was presented with the Carbohydrate Research Award at the 13th European Carbohydrate Symposium (Bratislava, 2005).

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