

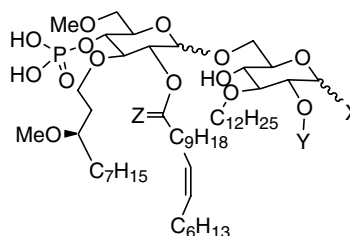
Contents

FULL PAPERS

Syntheses of glucose derivatives of E5564-related compounds and their LPS-antagonistic activities pp 811–822

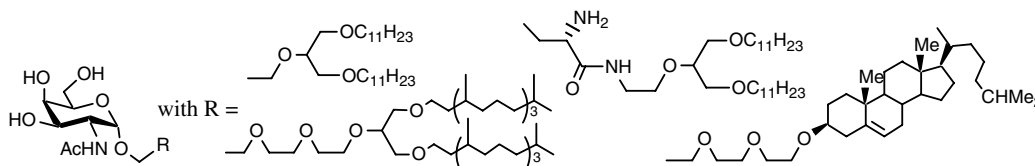
Masao Shiozaki,* Yuji Iwano, Hiromi Doi, Daisuke Tanaka, Takaichi Shimozato and Shin-ichi Kurakata

Compound **6**: $\beta(1\rightarrow6)$; X = α, β -OP(O)(OH)₂, Y = (R)-(CH₂)₂CH(OH)C₁₁H₂₃, Z = O.
 Compound **12**: $\beta(1\rightarrow6)$; X = α -OCH₂CH₂OP(O)(OH)₂, Y = *n*-C₁₂H₂₅, Z = O.
 Compound **17b**: $\beta(1\rightarrow6)$; X = α, β -OP(O)(OH)₂, Y = (R)-(CH₂)₂CH(OH)C₁₁H₂₃, Z = H₂.
 Compound **19a**: $\alpha(1\rightarrow6)$; X = α -OCH₂CH₂OP(O)(OH)₂, Y = *n*-C₁₂H₂₅, Z = H₂.
 Compound **19b**: $\beta(1\rightarrow6)$; X = α -OCH₂CH₂OP(O)(OH)₂, Y = *n*-C₁₂H₂₅, Z = H₂.
 The antagonistic activities (ID₅₀) of **6**, **12**, **17b**, **19a**, and **19b** toward human whole blood cells were 72.8, 3.0, 0.9, 7.5, and 1.4 nM, respectively.



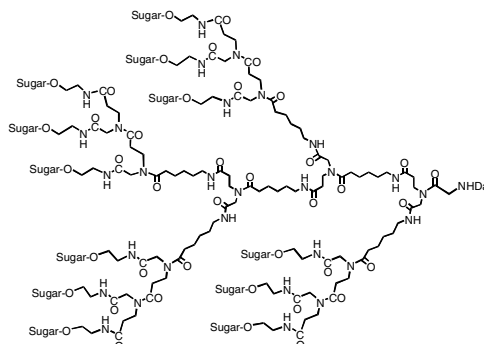
Syntheses of α -D-galactosamine neoglycolipids pp 823–835

Nicolas Laurent, Dominique Lafont and Paul Boullanger*



Syntheses of new peptidic glycoclusters derived from β -alanine: di- and trimerized glycoclusters and glycocluster-clusters pp 836–845

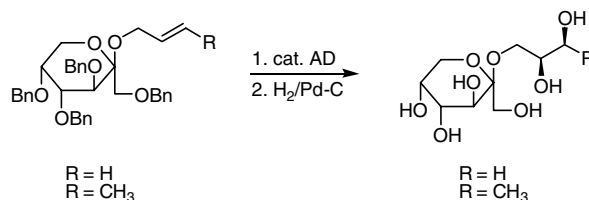
Koji Sato, Noriyasu Hada and Tadahiro Takeda*



Synthesis of 2(R),3-dihydroxypropyl and 2(R),3(R)-dihydroxybutyl β-D-fructopyranosides and some derivatives

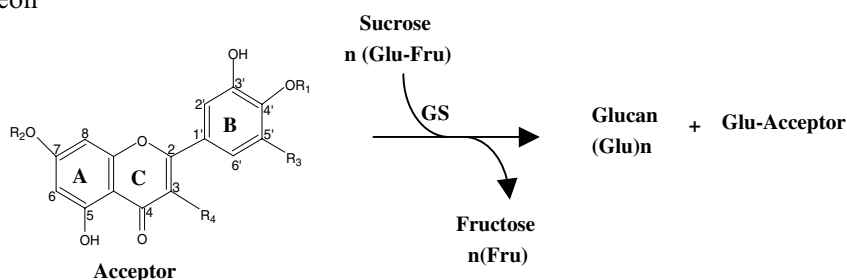
pp 846–854

Fortunatus Sung'hwa, Axel Strik, Henk Regeling,* Binne Zwanenburg and Gordon J. F. Chittenden


***Leuconostoc mesenteroides* glucansucrase synthesis of flavonoid glucosides by acceptor reactions in aqueous-organic solvents**

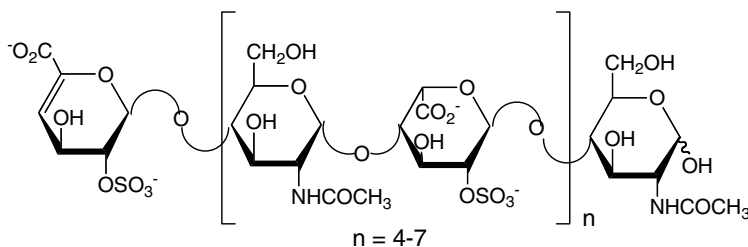
pp 855–863

Anne Bertrand, Sandrine Morel, François Lefoulon, Yves Rolland, Pierre Monsan and Magali Remaud-Simeon*


Preparation and structural determination of large oligosaccharides derived from acharan sulfate

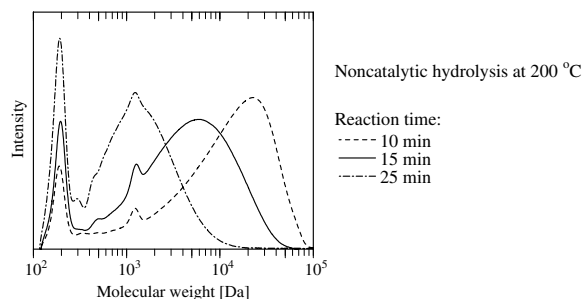
pp 864–869

Lianli Chi, Eva M. Munoz, Hyung Seok Choi, Young Wan Ha, Yeong Shik Kim, Toshihiko Toida and Robert J. Linhardt*


Noncatalytic hydrolysis of guar gum under hydrothermal conditions

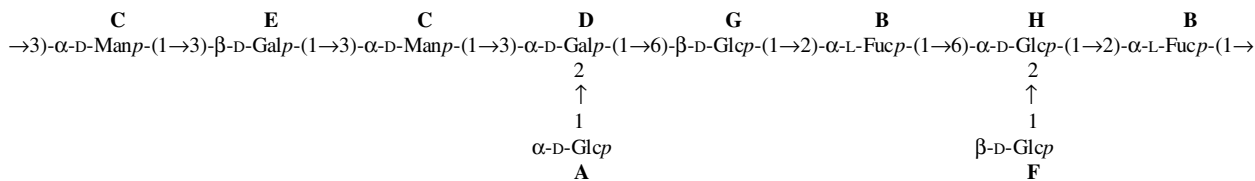
pp 870–877

Tetsuya Miyazawa and Toshitaka Funazukuri*



Isolation and structural elucidation of a water-soluble polysaccharide (PS-I) of a wild edible mushroom, *Termitomyces striatus* pp 878–886

Soumitra Mondal, Indranil Chakraborty, Dilip Rout and Syed S. Islam*



Crosslinked carboxymethylchitosan-g-poly(acrylic acid) copolymer as a novel superabsorbent polymer pp 887–896

Chen Yu and Tan Hui-min*

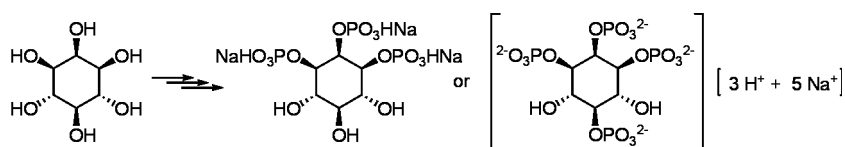
Carboxymethylchitosan-g-poly (acrylic acid) (CMCTS-g-PAA) superabsorbent polymer was prepared. Their structures and properties were characterized. The optimization conditions to the synthesized polymer with highest swelling ratio were found.

NOTES

Synthesis of *myo*-inositol 1,2,3-tris- and 1,2,3,5-tetrakis(dihydrogen phosphate)s as a tool for the inhibition of iron-gall-ink corrosion

pp 897–902

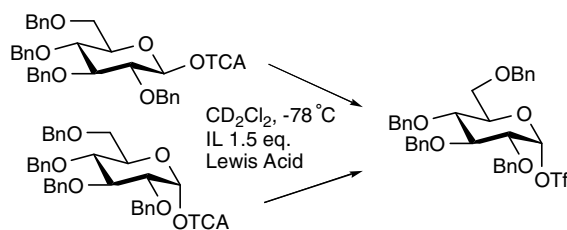
Martin Šala, Jana Kolar, Matija Strlič and Marijan Kočevar*



NMR evidence for the participation of triflated ionic liquids in glycosylation reaction mechanisms

pp 903–908

Anna Rencurosi, Luigi Lay, Giovanni Russo, Enrico Caneva and Laura Poletti*

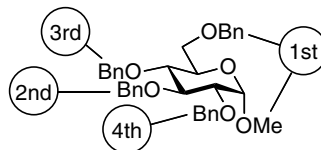


Corrected order in the simultaneous debenzylation–acetolysis of methyl 2,3,4,6-tetra-*O*-benzyl- α -D-glucopyranoside

pp 909–911

Yang Cao and Hidetoshi Yamada*

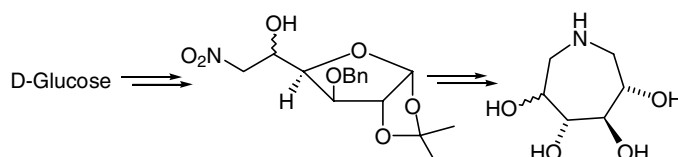
Corrected Order
of the Debenzylation-Acetolysis
in Acidic Ac₂O



Short and efficient synthesis of (2*S*,3*R*,4*R*,5*R*) and (2*S*,3*R*,4*R*,5*S*)-tetrahydroxyazepanes via the Henry reaction

pp 912–917

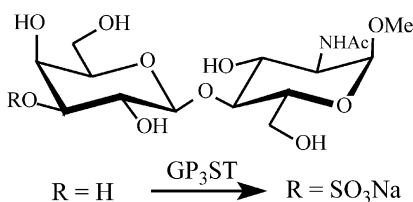
Chaitali Chakraborty and Dilip D. Dhavale*



In vitro sulfation of *N*-acetyllactosaminide by soluble recombinant human β -Gal-3'-sulfotransferase

pp 918–924

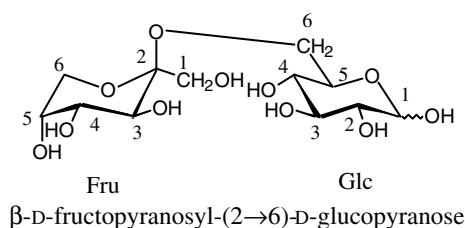
P. Greimel, Sabrina Jabs, Stefan Storch, Slim Cherif, Koichi Honke, Thomas Bräulke* and Joachim Thiem*



Structural analysis of a novel saccharide isolated from fermented beverage of plant extract

pp 925–929

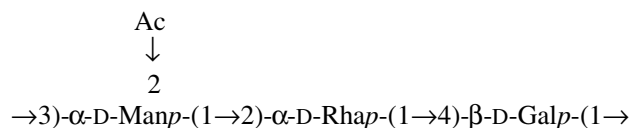
Hideki Okada, Eri Fukushi, Akira Yamamori, Naoki Kawazoe, Shuichi Onodera, Jun Kawabata and Norio Shiomi*



The structure of the O-specific polysaccharide of the lipopolysaccharide from *Burkholderia gladioli* pv. *agaricola*

pp 930–934

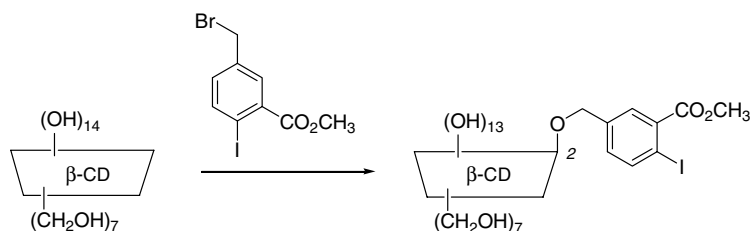
Gnuni Karapetyan, Zbigniew Kaczynski, Nicola S. Iacobellis, Antonio Evidente and Otto Holst*



Improved access to 2-O-monobenzyl ethers of β -cyclodextrin as precursors of catalysts for organophosphoryl esters hydrolysis

pp 935–940

Nicolas Masurier, François Estour, Bertrand Lefèvre, Bernard Brasme, Patrick Masson and Olivier Lafont*



*Corresponding author

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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