

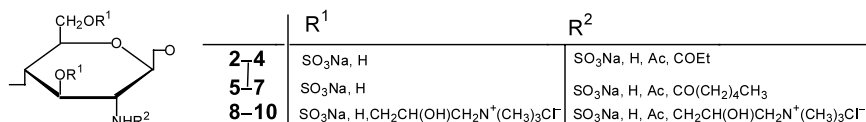
Influence of functional groups on the in vitro anticoagulant activity of chitosan sulfate

Carbohydr. Res. **2003**, 338, 483

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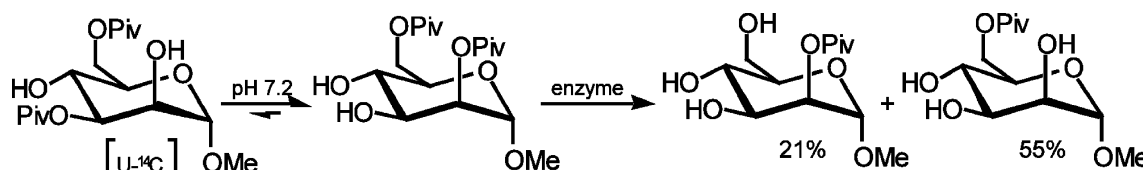
Chitosan sulfate from chitosan was chemically modified to get propanoylated, hexanoylated or quarternized derivatives. The influences of these groups on the anticoagulant activity are discussed.



Synthesis, intramolecular migrations and enzymic hydrolysis of partially pivaloylated methyl α -D-mannopyranosides

Carbohydr. Res. **2003**, 338, 491

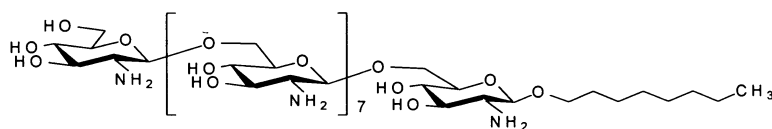
Srđanka Tomić, Vesna Petrović, Maja Matanović

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A practical synthesis of a (1 → 6)-linked β -D-glucosamine nonasaccharide

Carbohydr. Res. **2003**, 338, 495

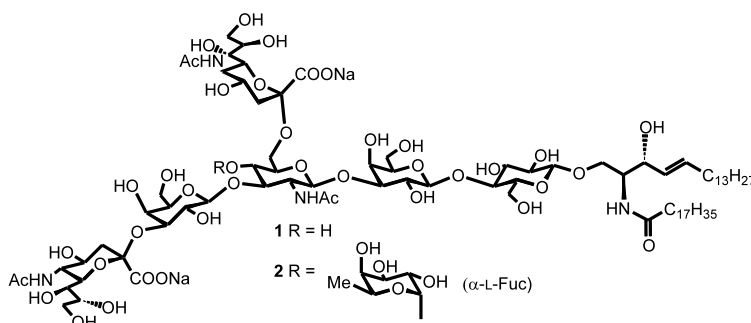
Feng Yang, Yuguo Du

Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Academia Sinica, P.O. Box 2871, Beijing 100085, PR China


First total synthesis of α -(2 → 3)/ α -(2 → 6)-disialyl lactotetraosyl ceramide and disialyl Lewis A ganglioside as cancer-associated carbohydrate antigens

Carbohydr. Res. **2003**, 338, 503

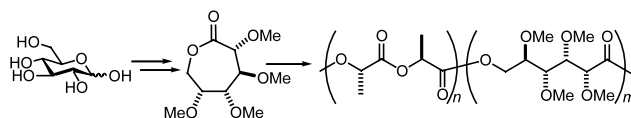
Takayuki Ando, Hideharu Ishida, Makoto Kiso

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Synthesis of 2,3,4,5-tetra-*O*-methyl-D-glucono-1,6-lactone as a monomer for the preparation of copolyesters

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Chemical modification of chitosan. Part 15: Synthesis of novel chitosan derivatives by substitution of hydrophilic amine using *N*-carboxyethylchitosan ethyl ester as an intermediate

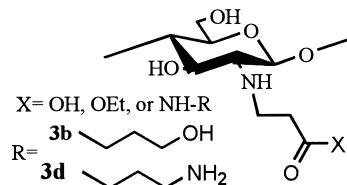
Hitoshi Sashiwa,^a Norioki Kawasaki,^a Atsuyoshi Nakayama,^a Einosuke Muraki,^a Hirofumi Yajima,^b Naoki Yamamori,^c Yoshifumi Ichinose,^c Junzo Sunamoto,^d Sei-ichi Aiba^a

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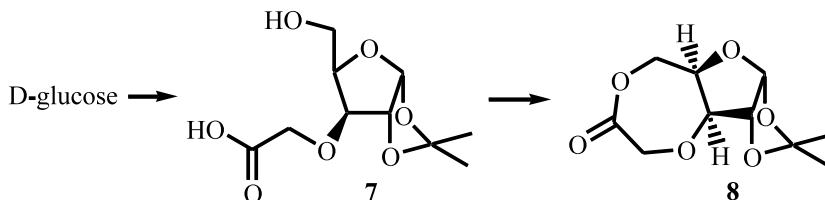
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Stereospecific synthesis of chiral caprolactone monomers from D-glucose

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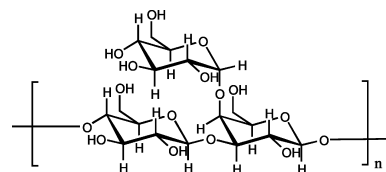


The O-specific chain structure of the major component from the lipopolysaccharide fraction of *Halomonas magadii* strain 21 MI (NCIMB 13595)

Cristina de Castro,^a Antonio Molinaro,^a Rosa Nunziata,^a William Grant,^b Andrew Wallace,^b Michelangelo Parrilli^a

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Effect of chlorhexidine on molecular weight distribution of fructans produced by fructosyltransferase in solution and immobilized on surface

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Chlorhexidine alters the molecular weight distribution of fructans synthesized by cell-free fructosyltransferase.