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Carbohydrate
RESEARCH

Carbohydrate Research Vol. 342, No. 17, 2007

Contents

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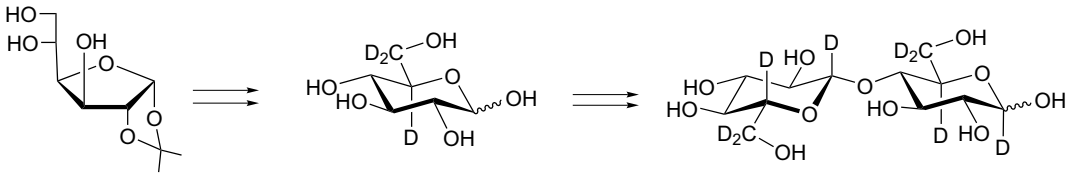
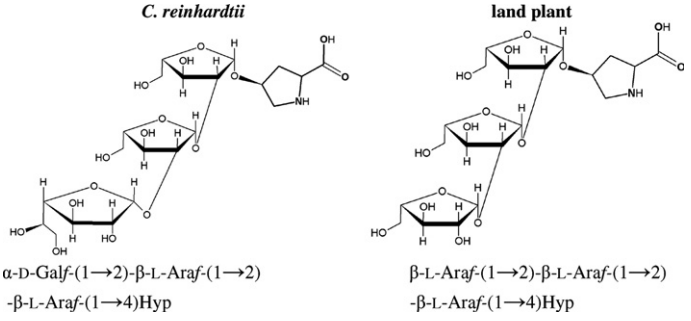
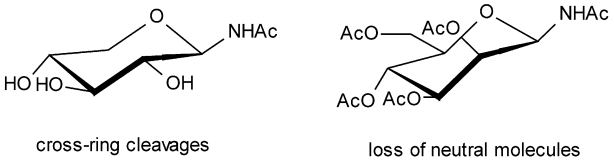
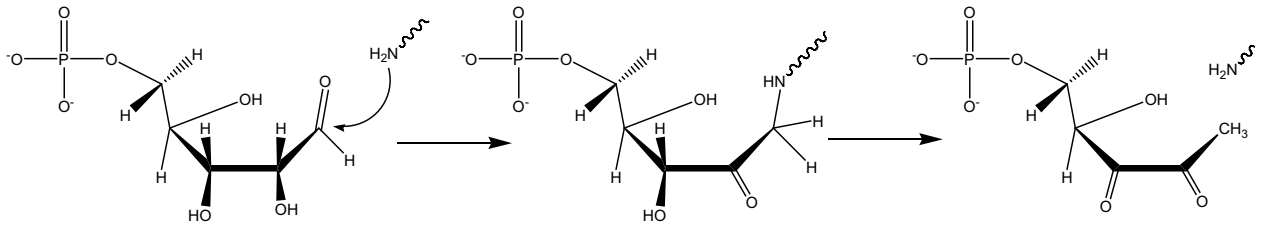
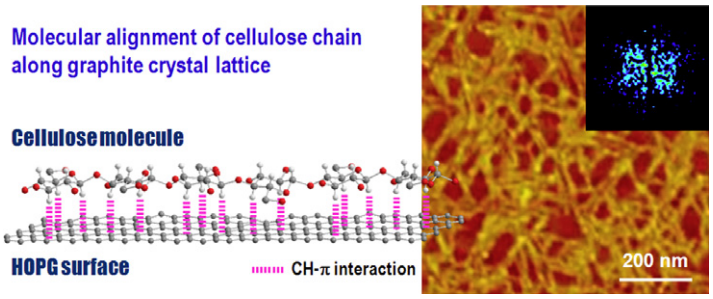


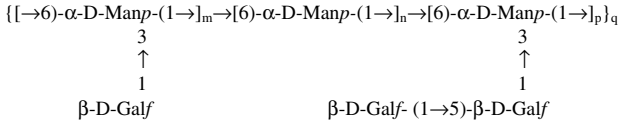


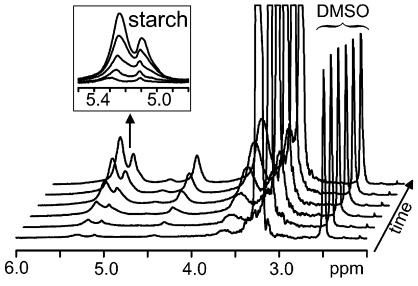


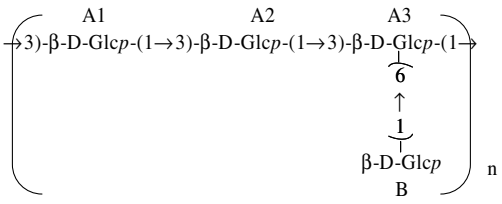


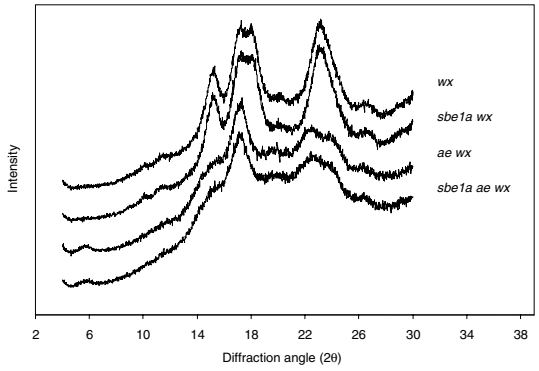


The idealized repeating units of the polysaccharide isolated from *Lineolata rhizophorae* is proposed to be

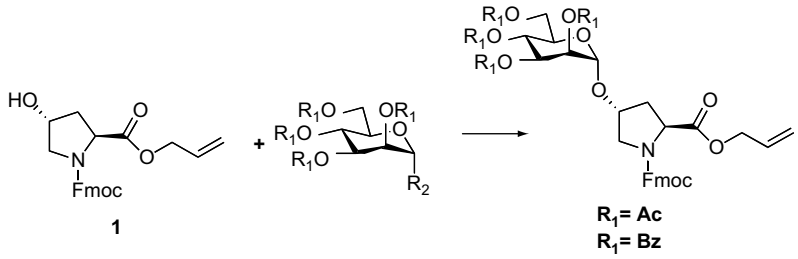


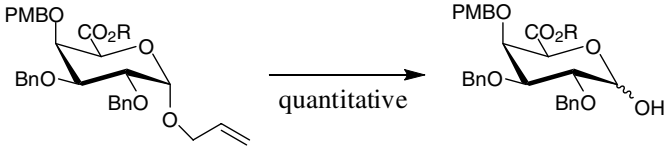


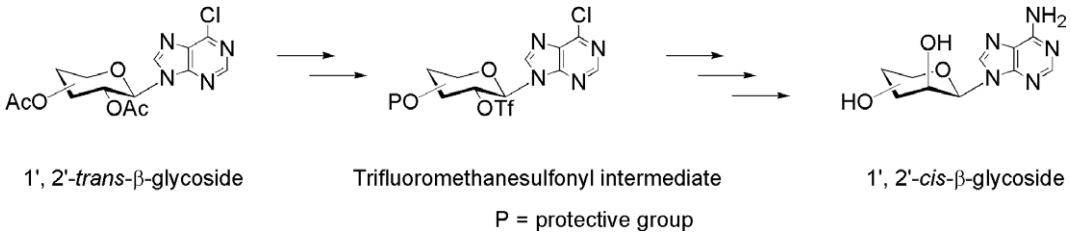


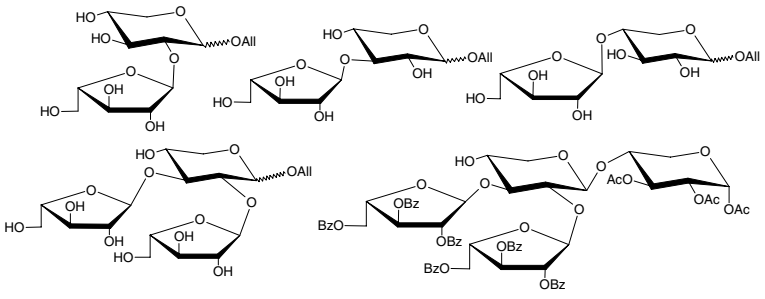


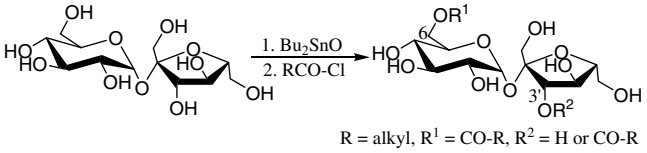
NOTES

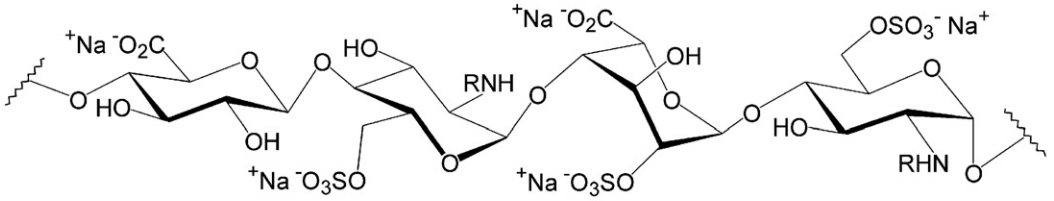


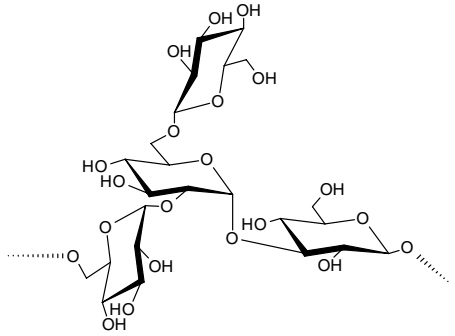


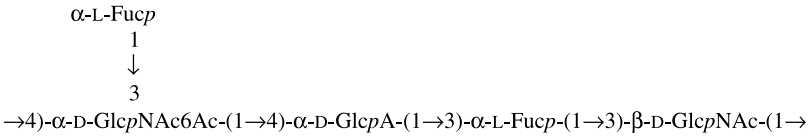




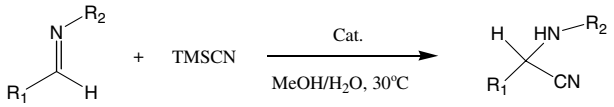








Escherichia coli O168



Cat.: α-cyclosophorohexadecaose
Succinoglycan momomers

$R_1 = C_6H_5\text{-}N{=}CH\text{-}CH_2$, $R_2 = C_6H_5$: **1**
$R_1 = C_6H_5$, $R_2 = C_6H_5\text{-}SO_2$: **2**
$R_1 = C_6H_5$, $R_2 = (C_6H_5)_2\text{-}CH$: **3**

*Corresponding author
ⓘ+ Supplementary data available via ScienceDirect

COVER

The image shows the ball-and-stick representation of a potent *n*-butyl thiazoline inhibitor of *Q*-GlcNAcase, bound in the active centre of the enzyme. The work is the result of collaboration between the groups of Professors David Vocadlo (Simon Fraser University, British Columbia, Canada) and Gideon Davies (University of York, UK). The image, generated with PYMOL (DeLano Scientific LLC, http://pymol.sourceforge.net/), shows the observed electron density as a blue "wire-cage" inside the active centre pocket represented by the smooth surface.
Professor Davies was presented with the Roy L Whistler Award of the International Carbohydrate Organization at the XXIIIrd International Carbohydrate Symposium in Whistler in 2006.

Abstracted/Indexed in: Chem. Abstr.: Curr. Contents: Phys., Chem. & Earth Sci. Life Sci. Current Awareness in Bio. Sci. (CABS). Science Citation Index. Full texts are incorporated in CJELSEVIER, a file in the Chemical Journals Online database which is availabe on STN® International. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®

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ISSN 0008-6215