

Carbohydrate Research Vol. 343, No. 16, 2008

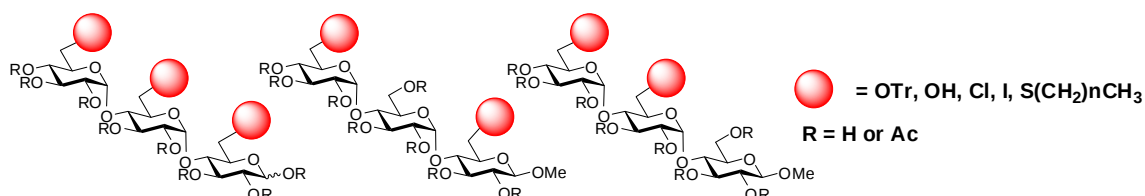
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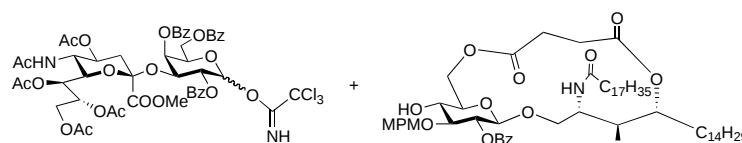
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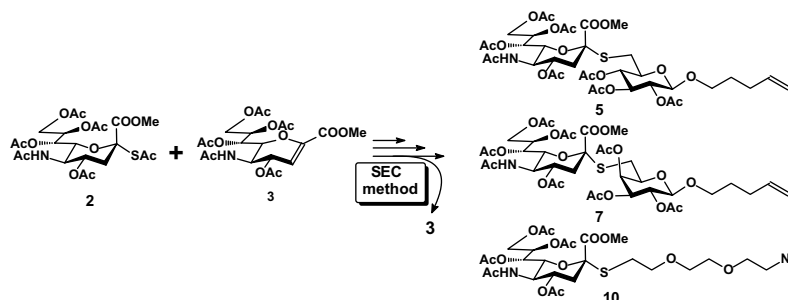


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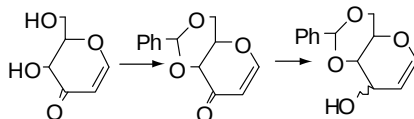
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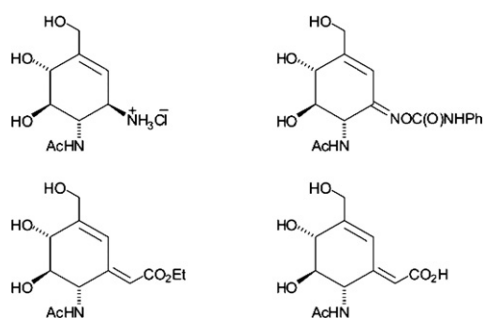


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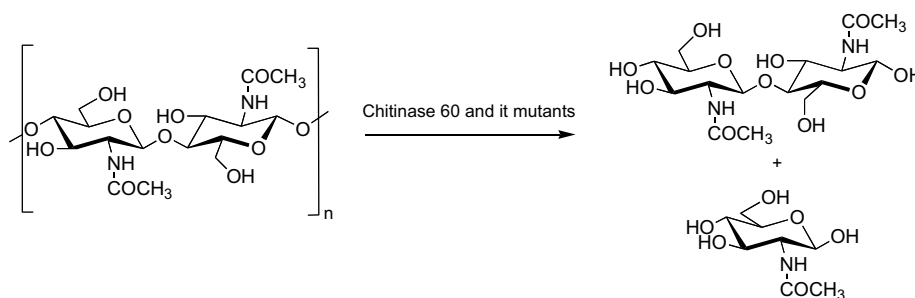
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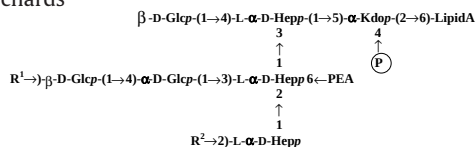
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Identification of a novel structural motif in the lipopolysaccharide of the *galE/galK* double mutant of *Haemophilus influenzae* strain Egan

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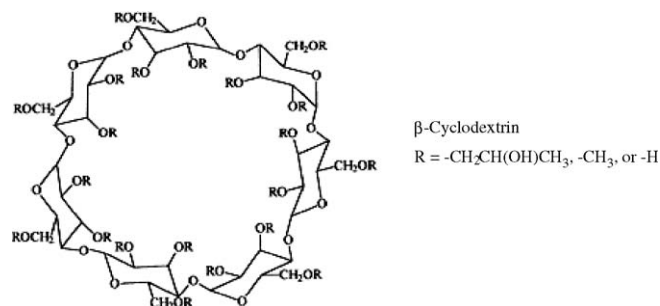


Mutant	Major Glycoform(s)	
	R ¹	R ²
<i>galE/galK; galE</i>	H	H
	β-D-Glcp	H
<i>galK</i>	β-D-Galp	β-D-Galp

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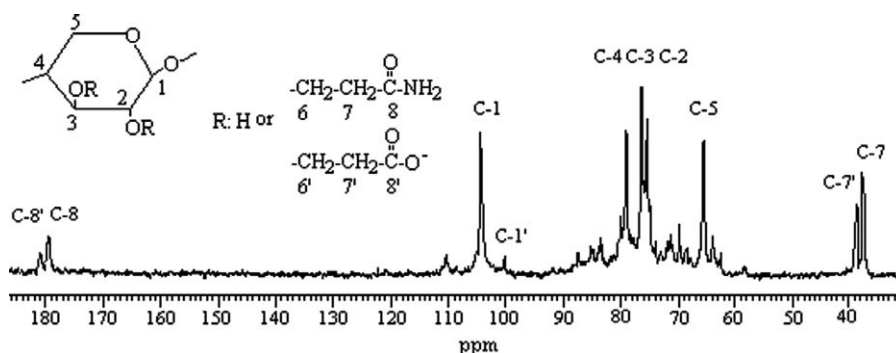
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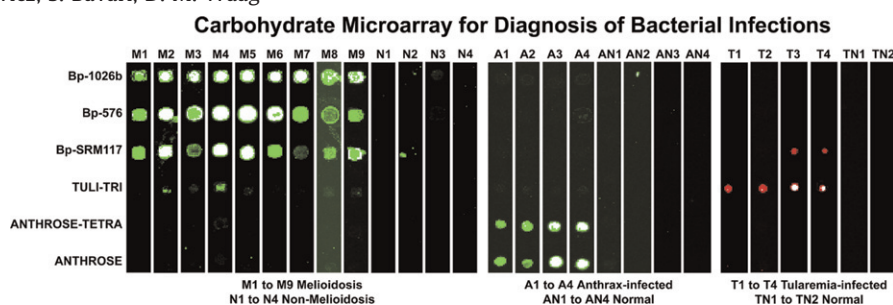
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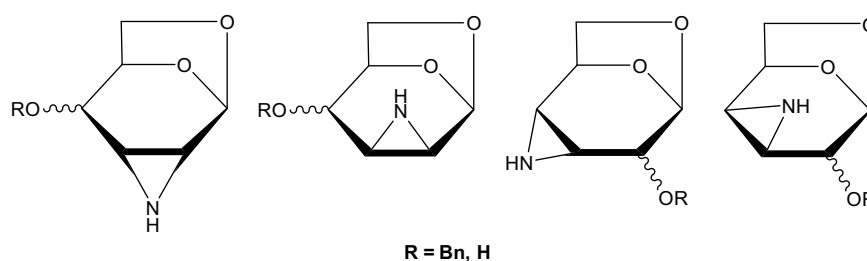
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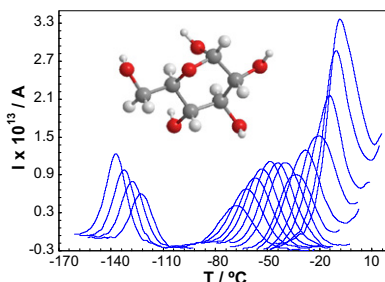
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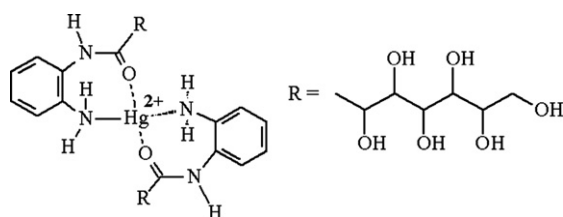
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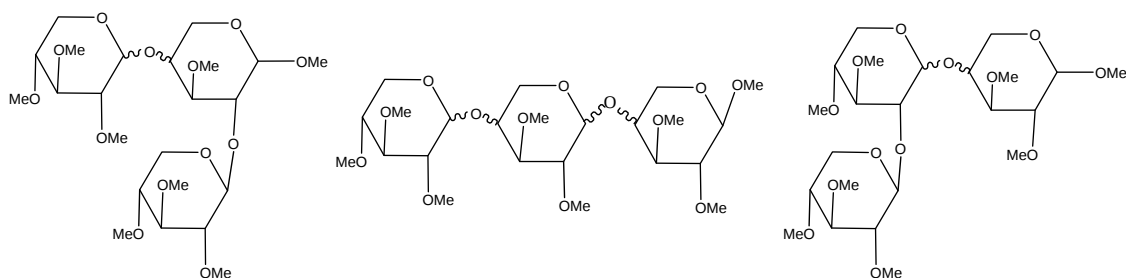
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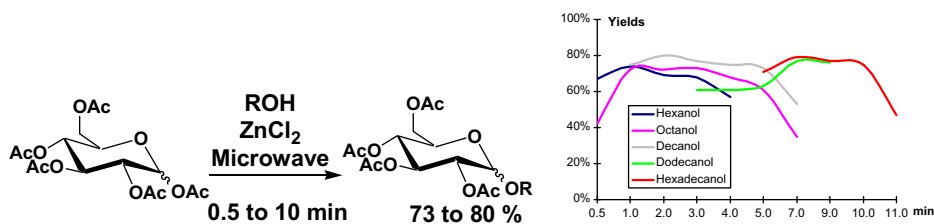
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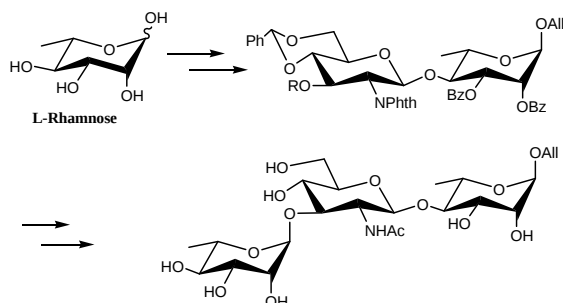
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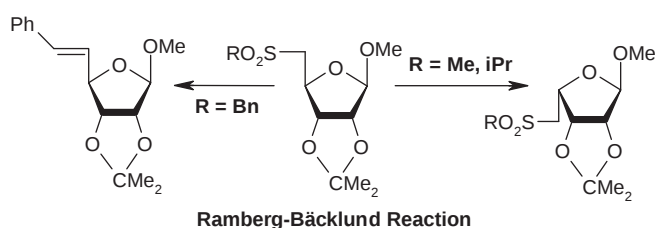
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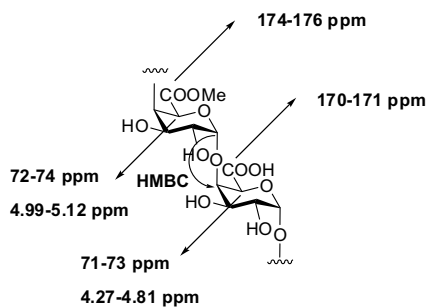
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**Structural characterization of homogalacturonan by NMR spectroscopy—assignment of reference compounds**

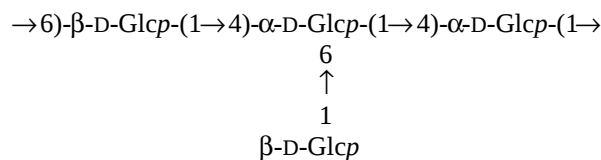
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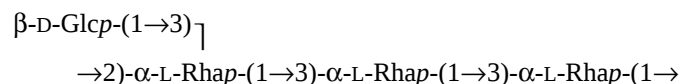
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Kaushik Ghosh, Krishnendu Chandra, Arnab K. Ojha, Syed S. Islam *



Structural analysis of the O-antigen of the lipopolysaccharide from *Azospirillum lipoferum* SR65**pp 2841–2844**

Yuliya P. Fedonenko, Evelina L. Zdorovenko *, Svetlana A. Konnova, Vadim V. Kachala, Vladimir V. Ignatov



*Corresponding author

 Supplementary data available via ScienceDirect**COVER**

The graphic represents a molecular dynamics simulation of water density around the disaccharide $\alpha\text{-D-Araf-(1}\rightarrow\text{5)}\text{-}\alpha\text{-D-Araf-OCH}_3$, highlighting the interglycosidic linkage. The red clouds represent regions where the probability of finding an oxygen atom is high while the gray clouds are for hydrogen atoms. This work is the result of a collaboration in the Alberta Ingenuity Centre for Carbohydrate Science and Department of Chemistry at the University of Alberta between the groups of Pierre-Nicolas Roy and Todd L. Lowary (Castillo, N.; Roy, P. N.; Lowary, T. L. Manuscript in Preparation).

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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 CJESEVIER, a file in the Chemical Journals Online database which is available on STN® International. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®



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ISSN 0008-6215