

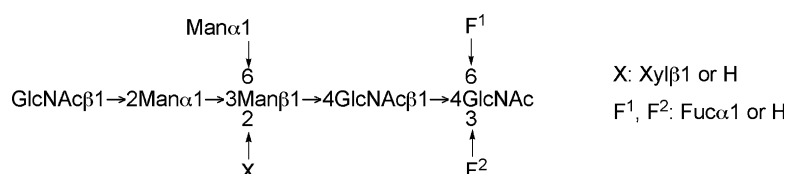
Contents

FULL PAPERS

Synthesis of complex-type glycans derived from parasitic helminths

pp 675–695

Jun Nakano, Akihiro Ishiwata, Hiromichi Ohta and Yukishige Ito*



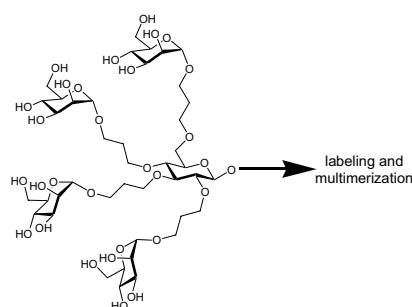
Novel glycoprotein oligosaccharides derived from *Schistosoma mansoni* as well as their congeners were synthesized systematically.

Functionalization of oligosaccharide mimetics and multimerization using squaric diester-mediated coupling

pp 696–703

Oliver Sperling, Michael Dubber and Thisbe K. Lindhorst*

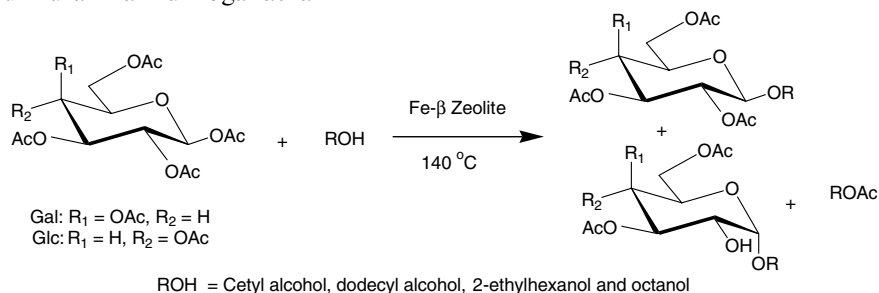
Carbohydrate-centered glycoclusters were fluorescence-labeled, functionalized to amphiphilic conjugates and multimerized using squaric acid. Inhibitory potencies in bacterial adhesion were measured.



Zeolite-catalyzed Helferich-type glycosylation of long-chain alcohols. Synthesis of acetylated alkyl 1,2-*trans* glycopyranosides and alkyl 1,2-*cis* C2-hydroxy-glycopyranosides

pp 704–709

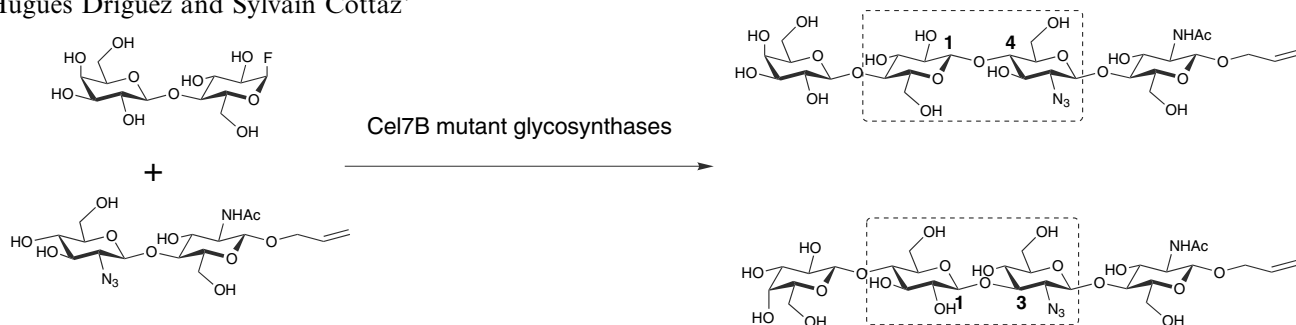
Udayanath Aich and Duraikkannu Loganathan*



Unexpected regioselectivity of *Humicola insolens* Cel7B glycosynthase mutants

pp 710–716

Sophie Blanchard, Sylvie Armand, Pedro Couthino, Shamkant Patkar, Jesper Vind, Eric Samain, Hugues Driguez and Sylvain Cottaz*

**Aleppo tannin: structural analysis and salivary amylase inhibition**

pp 717–723

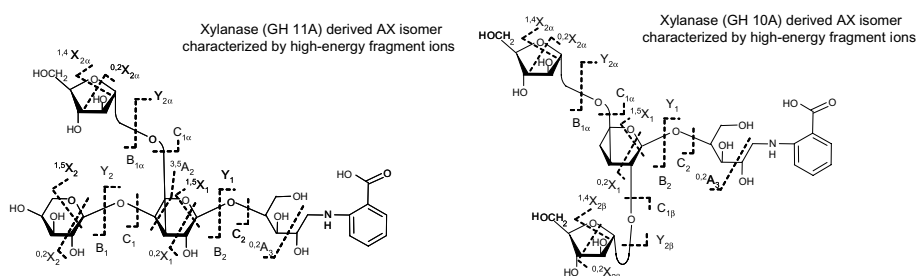
Ágnes Zajác, Gyöngyi Gyémánt, Natale Vittori and Lili Kandra*

The effectiveness and specificity of a tannin isolated from the gall nut of Aleppo oak was studied on the 2-chloro-4-nitrophenyl-4-*O*- β -D-galactopyranosyl- α -maltoside (GalG₂-CNP) and on amylose hydrolysis catalyzed by human salivary amylase (HSA).

Structure elucidation of arabinoxylan isomers by normal phase HPLC–MALDI-TOF/TOF-MS/MS

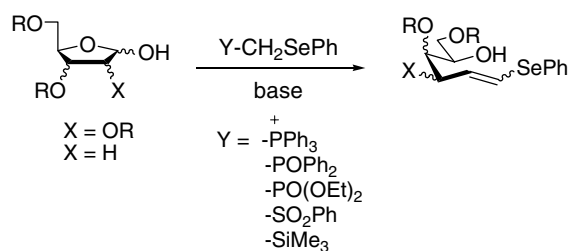
pp 724–735

Sarah L. Maslen, Florence Goubet, Alex Adam, Paul Dupree and Elaine Stephens*

**NOTES****Synthesis of carbohydrate-based vinyl selenides via Wittig-type reactions**

pp 736–743

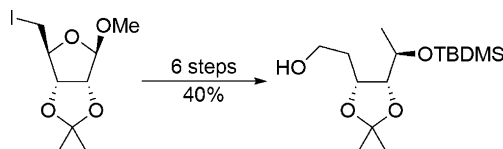
Omar Boutureira, M. Isabel Matheu, Yolanda Díaz and Sergio Castellón*



A short alternative preparation of the benzazoles polyol side-chain segment

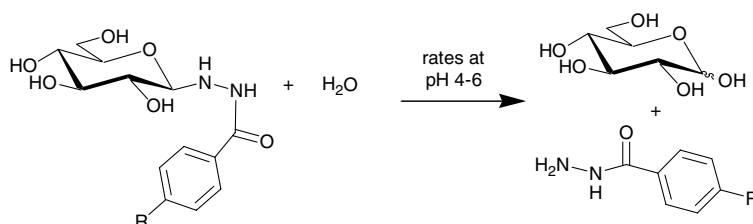
pp 744–748

John K. Gallos,* Christos I. Stathakis, Maria J. Salapassidou, Constantinos E. Grammatoglou and Alexandros E. Koumbis

**Hydrolysis rates of 1-glucosyl-2-benzoylhydrazines in aqueous solution**

pp 749–752

Anna V. Gudmundsdottir and Mark Nitz*

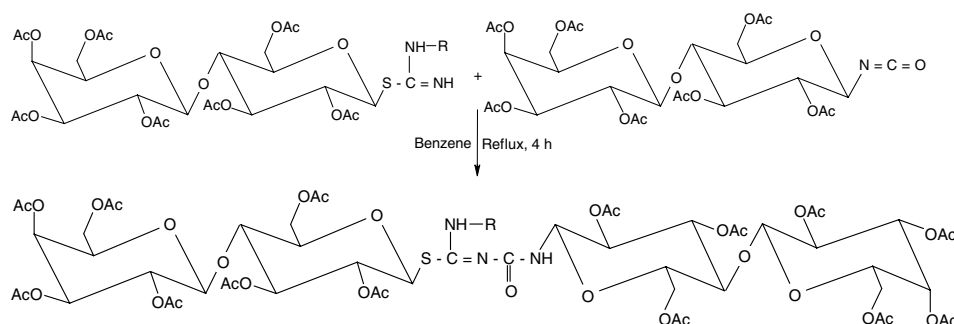


Glycosylhydrazides are useful neoglycoconjugates and quantification of their hydrolysis now reveals the constraints on their applicability.

**Synthesis of *N*- and *S*-bis-protected lactosyl isothiobiurets**

pp 753–756

Anvita S. Dandale, Dattatraya V. Mangte and Shirish P. Deshmukh*

**The O-chain structure from the LPS of the bacterium *Naxibacter alkalitolerans* YIM 31775^T**

pp 757–761

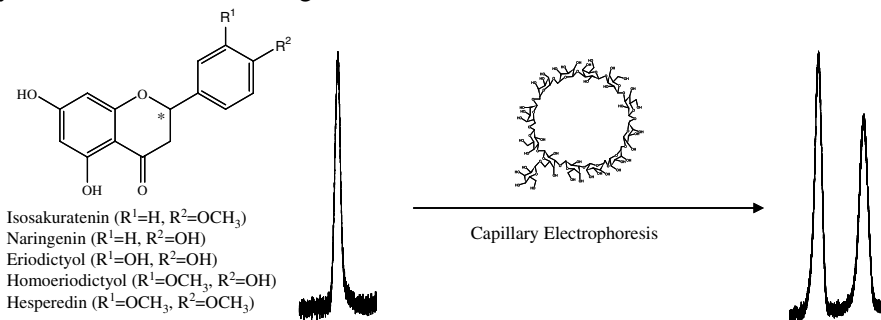
Alba Silipo, Antonio Molinaro,* Jiang Cheng-Lin, Yi Jiang, Ping Xu, Li-Hua Xu, Rosa Lanzetta and Michelangelo Parrilli



Enantioseparation of some chiral flavanones using microbial cyclic β -(1 \rightarrow 3),(1 \rightarrow 6)-glucans as novel chiral additives in capillary electrophoresis

pp 762–766

Chanho Kwon, Heylin Park and Seunho Jung*



The crystal structure of the 1:1 inclusion complex of β -cyclodextrin with benzamide

pp 767–771

En-Ju Wang, Zhao-Xun Lian and Jiwen Cai*

