



## Carbohydrate Research Vol 412, 2015

## Contents

## REVIEWS

**Carbohydrate Chemistry: Proven Synthetic Methods**

Nicola L.B. Pohl

pp. 19–19

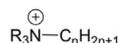
## FULL PAPERS

**Alkyl-imidazolium glycosides: non-ionic–cationic hybrid surfactants from renewable resources**

Abbas Abdulameer Salman\*, Mojtaba Tabandeh, Thorsten Heidelberg\*, Rusnah Syahila Duali Hussien and Hapipah Mohd Ali

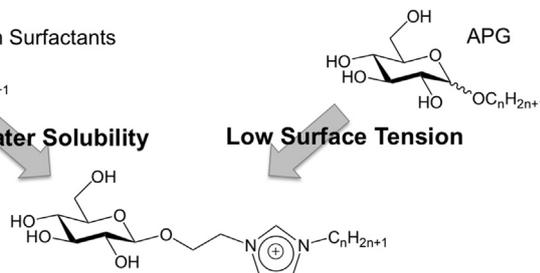
pp. 28–33

Ammonium Surfactants



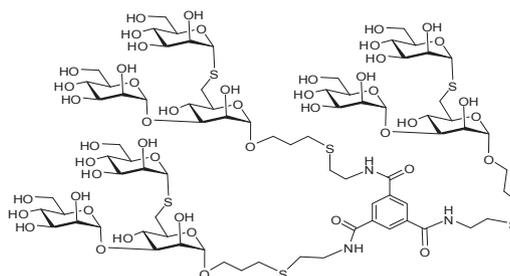
High Water Solubility

Low Surface Tension

**Synthesis and affinities of C3-symmetric thioglycoside-containing trimannosides**

Jingjing Bi, Chuanfang Zhao, Wei Cui, Chaoli Zhang, Qiuli Shan and Yuguo Du\*

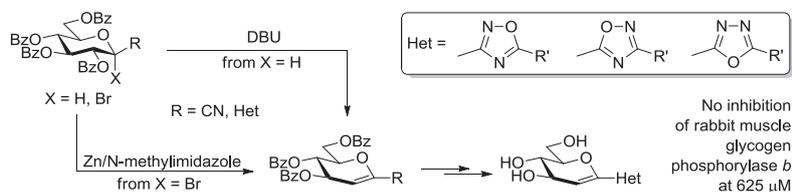
pp. 56–65



### C-(2-Deoxy-D-arabino-hex-1-enopyranosyl)-oxadiazoles: synthesis of possible isomers and their evaluation as glycogen phosphorylase inhibitors

pp. 71–79

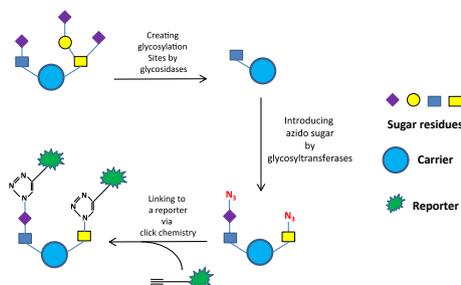
Éva Bokor, Eszter Szennyés, Tibor Csupász, Nóra Tóth, Tibor Docsa, Pál Gergely and László Somsák\*



### Glycoprotein labeling with click chemistry (GLCC) and carbohydrate detection

pp. 1–6

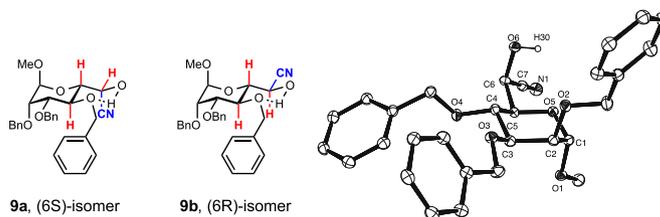
Zhengliang L. Wu\*, Xinyi Huang, Andrew J. Burton and Karl A.D. Swift



### Synthesis of mannoheptose derivatives and their evaluation as inhibitors of the lectin LecB from the opportunistic pathogen *Pseudomonas aeruginosa*

pp. 34–42

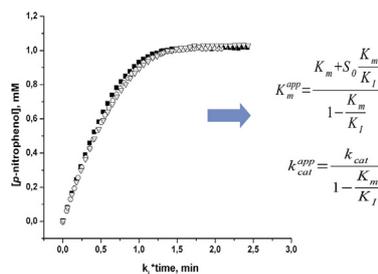
Anna Hofmann, Roman Sommer, Dirk Hauck, Julia Stifel, Inigo Göttker-Schnetmann and Alexander Titz\*



### The method of integrated kinetics and its applicability to the *exo*-glycosidase-catalyzed hydrolysis of *p*-nitrophenyl glycosides

pp. 43–49

Anna S. Borisova, Sumitha K. Reddy, Dina R. Ivanen, Kirill S. Bobrov, Elena V. Eneyskaya, Georgy N. Rychkov, Mats Sandgren, Henrik Stålbbrand, Michael L. Sinnott, Anna A. Kulminskaya\* and Konstantin A. Shabalin



Download English Version:

<https://daneshyari.com/en/article/1388302>

Download Persian Version:

<https://daneshyari.com/article/1388302>

[Daneshyari.com](https://daneshyari.com)