



Carbohydrate Research 294 (1996) C3-C4

# Subject index

#### Allosamidin analogues, synthesis

Synthesis of allosamidin analogues 29

#### O-Antigen

Structure of the O20 antigen of Stenotrophomonas (Xanthomonas or Pseudomonas) maltophilia 109

#### Asperlin

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

#### Avidin-biotin system

Synthesis and characterization of a carbenegenerating biotinylated *N*-acetylglucosamine for photoaffinity labeling of  $\beta$ -(1  $\rightarrow$  4)-galactosyltransferase 95

## Cello-oligosaccharide

First synthesis of cellooctaose by a convergent synthetic method 53

#### Chemiluminescent detection

Synthesis and characterization of a carbenegenerating biotinylated *N*-acetylglucosamine for photoaffinity labeling of  $\beta$ -(1  $\rightarrow$  4)-galactosyltransferase 95

#### Chitinase inhibition

Synthesis of allosamidin analogues 29

#### Colorimetry

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

# Concanavalin A

Synthesis and application of  $\alpha$ -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

#### Conformation

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

#### Convergent synthetic method

First synthesis of cellooctaose by a convergent synthetic method 53

## 4-Deoxy-L-threo-hex-4-enopyranosyluronic acid

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

#### Diazirines

Synthesis and application of  $\alpha\text{-D-mannosyl}$  clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

## $\beta$ -(1 $\rightarrow$ 4)-Galactosyltransferase

Synthesis and characterization of a carbenegenerating biotinylated *N*-acetylglucosamine for photoaffinity labeling of  $\beta$ -(1  $\rightarrow$  4)-galactosyltransferase 95

## Glycosylation

First synthesis of cellooctaose by a convergent synthetic method 53

## Glycosyl fluoride

First synthesis of cellooctaose by a convergent synthetic method 53

# Glycosyl imidate

First synthesis of cellooctaose by a convergent synthetic method 53

#### Heparin

<sup>1</sup>H and <sup>13</sup>C NMR spectral assignments of the major sequences of twelve systematically modified heparin derivatives 15

#### High-vacuum system

First synthesis of cellooctaose by a convergent synthetic method 53

#### Insecticides

Synthesis of allosamidin analogues 29

# Kraft pulps

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

C4 Subject index

## Labeled protein retrieval

Synthesis and characterization of a carbenegenerating biotinylated *N*-acetylglucosamine for photoaffinity labeling of  $\beta$ -(1  $\rightarrow$  4)-galactosyltransferase 95

#### Lipopolysaccharide

Structure of the O20 antigen of Stenotrophomonas (Xanthomonas or Pseudomonas) maltophilia 109

## Mannose-binding proteins

Synthesis and application of  $\alpha$ -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

## Mannosyl clusters

Synthesis and application of  $\alpha$ -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

#### Molecular modeling

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

#### NOESY

Conformational analysis of asperlin by NMR spectroscopy and molecular modeling 1

Nuclear magnetic resonance spectroscopy

<sup>1</sup>H and <sup>13</sup>C NMR spectral assignments of the major sequences of twelve systematically modified heparin derivatives 15

# Phenyldiazirine

Synthesis and characterization of a carbenegenerating biotinylated N-acetylglucosamine for photoaffinity labeling of  $\beta$ -(1  $\rightarrow$  4)-galactosyltransferase 95

#### Photoaffinity labeling

Synthesis and characterization of a carbenegenerating biotinylated *N*-acetylglucosamine for photoaffinity labeling of  $\beta$ -(1  $\rightarrow$  4)-galactosyltransferase 95

## Photoaffinity labelling

Synthesis and application of  $\alpha$ -D-mannosyl clusters as photoaffinity ligands for mannose-binding proteins: Concanavalin A as a model receptor 65

# Polysaccharides

<sup>1</sup>H and <sup>13</sup>C NMR spectral assignments of the major sequences of twelve systematically modified heparin derivatives 15

#### Quantitative analysis

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41

#### Stenotrophomonas maltophilia

Structure of the O20 antigen of Stenotrophomonas (Xanthomonas or Pseudomonas) maltophilia 109

# Xylan

An HPLC method for the quantitative determination of hexeneuronic acid groups in chemical pulps 41