

CARBOHYDRATE RESEARCH, VOL. 157 (1986)

SUBJECT INDEX

- 2-Acetamido-2-deoxy-D-glucopyranosyl residues, analysis of linkage positions of, by the reductive-cleavage method, 125
- Advances in Carbohydrate Chemistry and Biochemistry (*book review*), c1
- 3-Amino-3-deoxy- α -D-altropyranosyl 3-amino-3-deoxy- α -D-altropyranoside, a new analog of α , α -trehalose, involving reduction of a diazide and reductive amination of a diketone, two syntheses of, 65
- Amylose, and derivatives, synthesis of, using sucrose and phosphorylases, c4
- Amylose-lipid interactions, quantitative aspects of, 215
- Analysis of linkage positions in 2-acetamido-2-deoxy-D-glucopyranosyl residues by the reductive-cleavage method, 125
- Analysis of the ^{13}C -n.m.r. spectra of hydrolyzed and methanolized *O*-methylcelluloses: monomer compositions and models for their description, 201
- Antitumor activity, synthesis of water-soluble branched polysaccharides having D-mannopyranose, D-arabinofuranose or oligo-D-arabinofuranose side-chains and their, 171
- Approach to β -lactams from α , β -unsaturated sugar δ -lactones, c1
- 5-*tert*-Butyloxycarbonylaminopentopyranosides, formation and controlled hydrolysis of *O*-acetylated, 261
- Capsular polysaccharide from *Klebsiella* K19 by the glycanase associated with particles of *Klebsiella* bacteriophage ϕ 19, depolymerization of the, 27
- Carbohydrate nitrocyclopropanes from nitroalditols, formation of, 242
- Cellulolytic enzymes produced by a species of *Monilia*; purification and properties of an extracellular β -D-glucosidase, fractionation of the, 1
- Celluloses, *O*-methyl-, monomer compositions of, and models for their description, 201
- Conformation of a barley (1 \rightarrow 3,1 \rightarrow 4)- β -D-glucan, the sequence statistics and solution, 139
- Deuteration, selective, over Raney nickel in deuterium oxide, of methyl glycosides, 83
- Dextrans, ring-opening polymerization of 1,6-anhydro-2,4-di-*O*-benzyl-3-*O*-*tert*-butyldimethylsilyl- β -D-glucopyranose and synthesis of α -(1 \rightarrow 3)-branched, 157
- Effect of cations on the anomeric equilibrium of D-glucose in aqueous solutions — a Raman spectral study, 53
- Enzymic utilization of sucrose in the synthesis of amylose and derivatives of amylose using phosphorylases, c4
- Equilibrium, anomeric, of D-glucose in aqueous solutions, the effect of cations on, 53
- Formation of a hexoseptanose by unusual rearrangements of a furanoid glycal, 235
- Formation and controlled hydrolysis of *O*-acetylated 5-*tert*-butyloxycarbonylaminopentopyranosides, 261
- Formation of carbohydrate nitrocyclopropanes from nitroalditols, 242
- Galactomannan from the seeds of *Indigofera tinctoria* linn., a water-soluble, 251
- α -D-Galactopyranose residues in gum arabic, the location of, 257
- Gel-permeation chromatography, molecular weight distribution of hyaluronic acid by high-performance, 269
- Glucan, the sequence statistics and solution conformation of a barley (1 \rightarrow 3,1 \rightarrow 4)- β -D-, 139
- β -D-Glucosidase, fractionation of the cellulolytic enzymes produced by a species of *Monilia*; purification and properties of an extracellular, 1
- Glycanase associated with particles of *Klebsiella* bacteriophage ϕ 19, depolymerization of the capsular polysaccharide from *Klebsiella* K19 by the, 27
- Glycosides, methyl, selective deuteration of, over Raney nickel in deuterium oxide, 83
- Gum arabic, the location of α -D-galactopyranose residues in, 257
- Heptasaccharide hapten, related to a biantennary glycan chain of human chorionic gonadotropin of a choriocarcinoma patient, a convergent approach to synthesis of a, 101
- Hexopyranoside, synthesis of methyl 2,3,6-tri-deoxy-3-(dimethylamino)- β -L-xylo, 95