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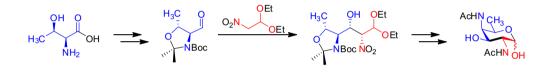
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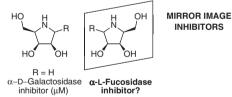
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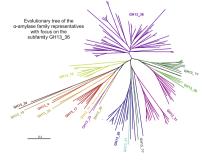
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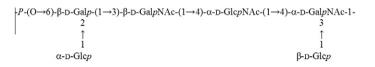
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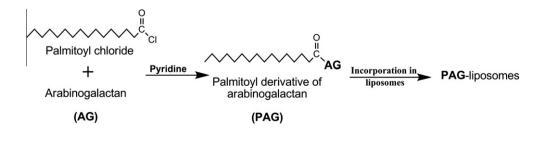
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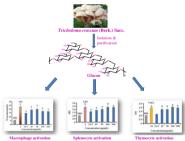
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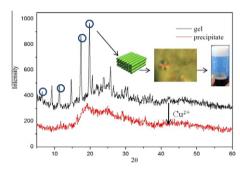
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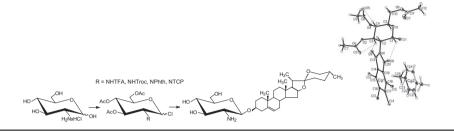
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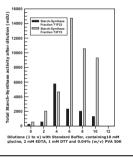


Biochemistry and Enzymes

Significant increases in potato Starch-Synthase and Starch-Branching-Enzyme activities by dilution with buffer containing dithiothreitol and polyvinyl alcohol 50 K

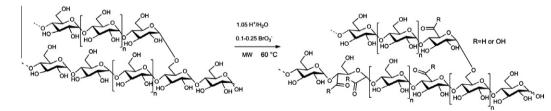
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Polysaccharides

Fast and efficient benign oxidation of native wheat starch by acidic bromate under microwave activation Sanna Komulainen, Estibaliz Diaz, Jouni Pursiainen, Marja Lajunen* pp 58-62



A simple oxidation of starch in water by bromate was substantially improved by microwave activation. In the oxidation of native wheat starch its advantages were the highly reduced need of oxidant, shortened reaction time and moderate or high yields of oxidation content of water-soluble products.

*Corresponding author

()+ Supplementary data available via SciVerse ScienceDirect

COVER

Multi-functionalisation of cyclodextrins (CD) has entered a new era thanks to the regioselective chemistry developed by M. Sollogoub's group. As illustrated on the cover, many applications can now be reached using CDs with various functions on specific positions. An example of functionalisation of CDs is given in the first issue of this journal. Image realised by Mickaël Ménand.

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