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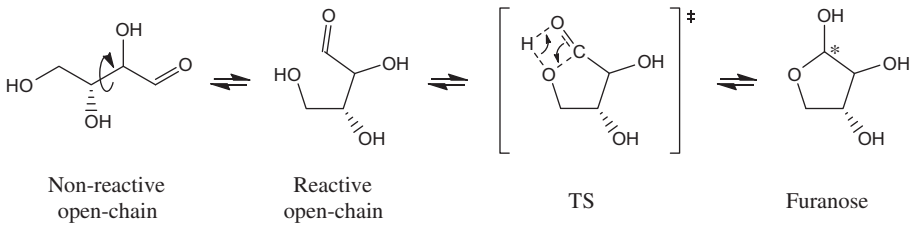
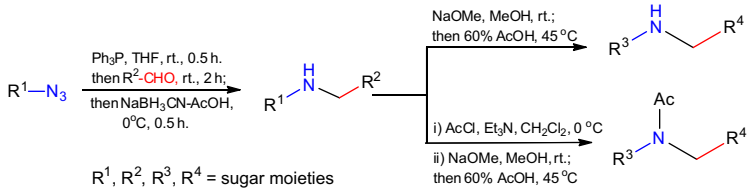
Contents

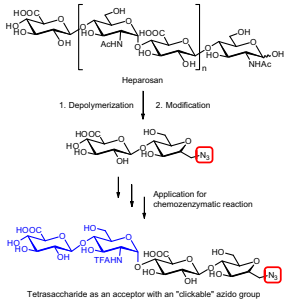
FULL PAPERS

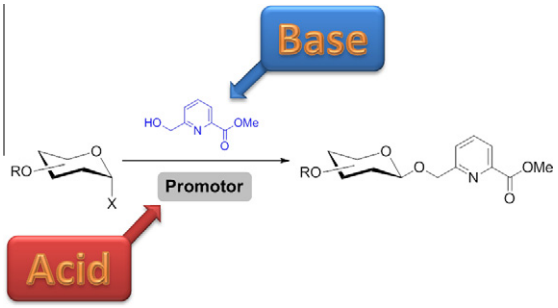
Synthesis

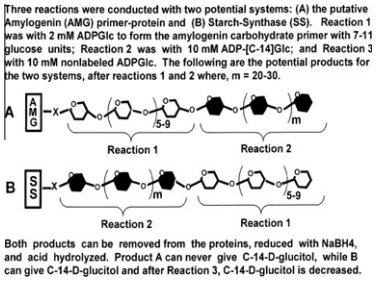


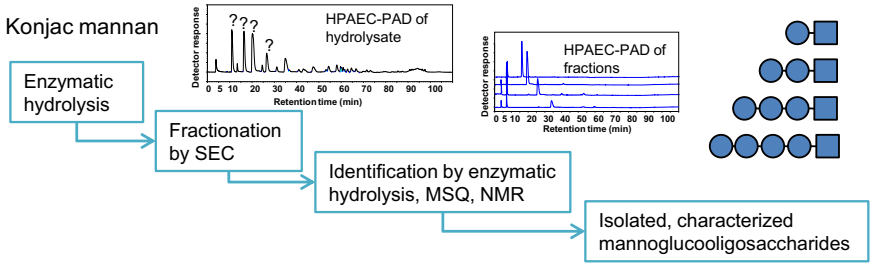


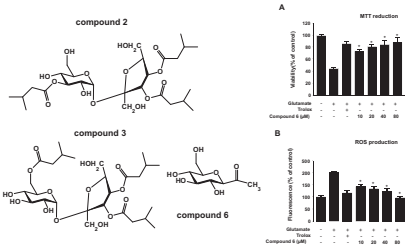
A series of novel N-linked diglycose derivatives were conveniently and directly synthesized based on the key step of one-pot tandem Staudinger/aza-Wittig/reduction reaction followed by deprotection. Some compounds exhibited good cytotoxicity to A-549.

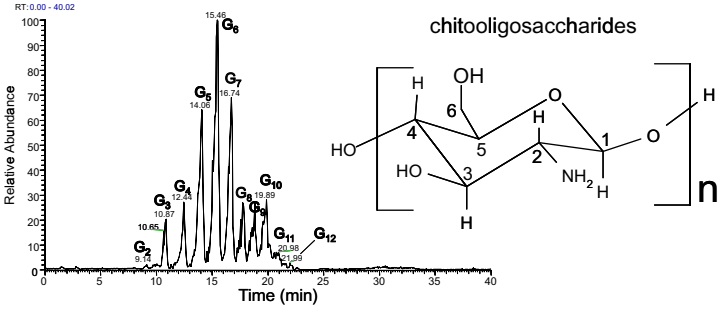


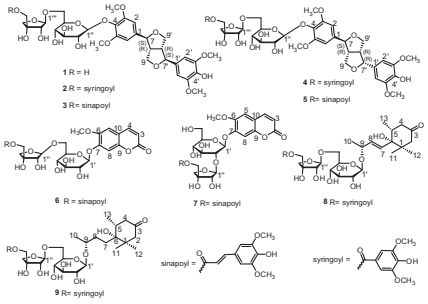


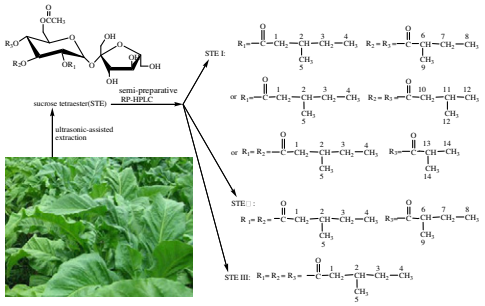












NOTES

Polysaccharides

α-D-Fuc*p*4NAc
1
↓
4
→3)-β-D-Man*p*NAcA-(1→4)-β-D-Man*p*NAcA-(1→3)-β-D-Glc*p*NAc-(1→

*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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