A Journal of the Gesellschaft Deutscher Chemiker ANGELUATION GDCh International Edition Mww.angewandte.org

2013-52/51

Degradable sugar polymers

 \dots with orthoester linkages connecting the sugar units were chemically synthesized by W. Du and co-workers, as described in their Communication on page 13699 ff. Under optimal polymerization conditions, polymers with with molecular weights up to 6.9 kDa were synthesized. These polymers are highly pH-responsive because of the acid-labile linkages in the backbone.



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