

## Accepted Manuscript

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PII: S0144-8617(18)30347-3  
DOI: <https://doi.org/10.1016/j.carbpol.2018.03.083>  
Reference: CARP 13433

To appear in:

Received date: 8-10-2017  
Revised date: 26-1-2018  
Accepted date: 23-3-2018

Please cite this article as: Gericke, Martin., Gabriel, Lars., Geitel, Katja., Benndorf, Stefan., Trivedi, Poonam., Fardim, Pedro., & Heinze, Thomas., Synthesis of xylan carbonates—An approach towards reactive polysaccharide derivatives showing self-assembling into nanoparticles. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.03.083>

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# Synthesis of xylan carbonates - An approach towards reactive polysaccharide derivatives showing self-assembling into nanoparticles

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## Highlights

- Novel xylan phenyl carbonates with a degree of substitution up to 2.0 were obtained by chemical derivatization of the polysaccharide in ionic liquids and dipolar aprotic solvents with LiCl.

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