

Accepted Manuscript

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PII: S0144-8617(18)30026-2
DOI: <https://doi.org/10.1016/j.carbpol.2018.01.026>
Reference: CARP 13176

To appear in:

Received date: 23-10-2017
Revised date: 20-12-2017
Accepted date: 9-1-2018

Please cite this article as: Li, Saijuan., Li, Meixia., Yue, Han., Zhou, Lishuang., Huang, Lulin., Du, Zhenyun., & Ding, Kan., Structural elucidation of a pectic polysaccharide from *Fructus Mori* and its bioactivity on intestinal bacteria strains. *Carbohydrate Polymers* <https://doi.org/10.1016/j.carbpol.2018.01.026>

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Structural elucidation of a pectic polysaccharide from *Fructus Mori* and its bioactivity on intestinal bacteria strains

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Highlights

- The structure of a rhamnogalacturonan from *Fructus Mori* was characterized.
- The backbone of this polysaccharide was alternate 1, 4- α -GalpA and 1, 2- α -Rhap.
- The branches contain T-, 1, 4- and 1, 3, 6-linked β -Galp, T- and 1, 5-linked α -Araf.
- This polysaccharide may promote growth of intestinal bacteria *B. thetaiotaomicron*.

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