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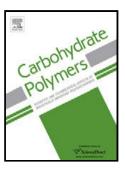
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ACCEPTED MANUSCRIPT

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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