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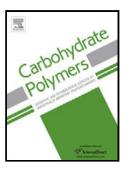
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## ACCEPTED MANUSCRIPT

# Structural characterization of enzymatically synthesized glucan dendrimers

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#### Highlights

- *In vitro* synthesis method of a glycogen-like polymer using a branching enzyme has been developed.
- The synthesized glucan dendrimers (GD) were characterized by small-angle X-ray scattering.
- The SAXS profiles of GDs could be explained by the hyperbranched polymer model or sphere model.

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