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Characterization of a pectin from *Lonicera japonica* Thunb and its inhibition effect on A β ₄₂ aggregation and promotion of neuritogenesis

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● Highlights

- The structure of a pectic polysaccharide LFA03-a was characterized.
- The backbone consisted of α -L-1,2-Rhap and α -D-1,4-GalAp disaccharide repeat unit
- LFA03-a inhibited A β ₄₂ aggregation in a dose dependent manner
- LFA03-a induced neurite outgrowth *in vitro*.

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