

Structural characterization and anti-proliferation activities against tumor cells of an arabinogalactan from *Juniperus convallium*

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Figure S1. The IR spectrum of JC-PS1

Figure S2. ^1H - ^1H COSY spectrum of JC-PS1.

Figure S3. Cytotoxicity of JC-PS1 on RAW264.7 cells. The data were represented as mean \pm SD (n=3).

Figure S4. The repeating unit of JC-PS2.

Table S1. Alditol acetate derivatives from the methylated JC-PS2.

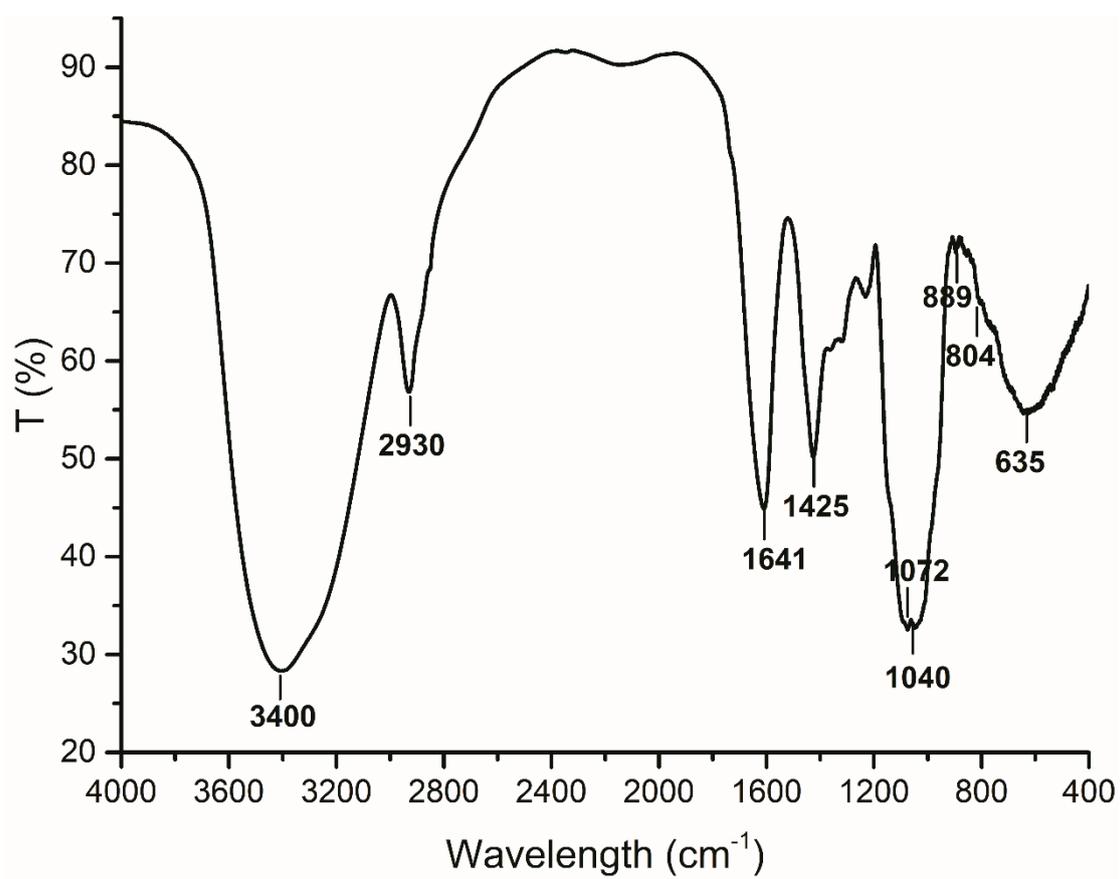


Figure S1. The IR spectrum of JC-PS1

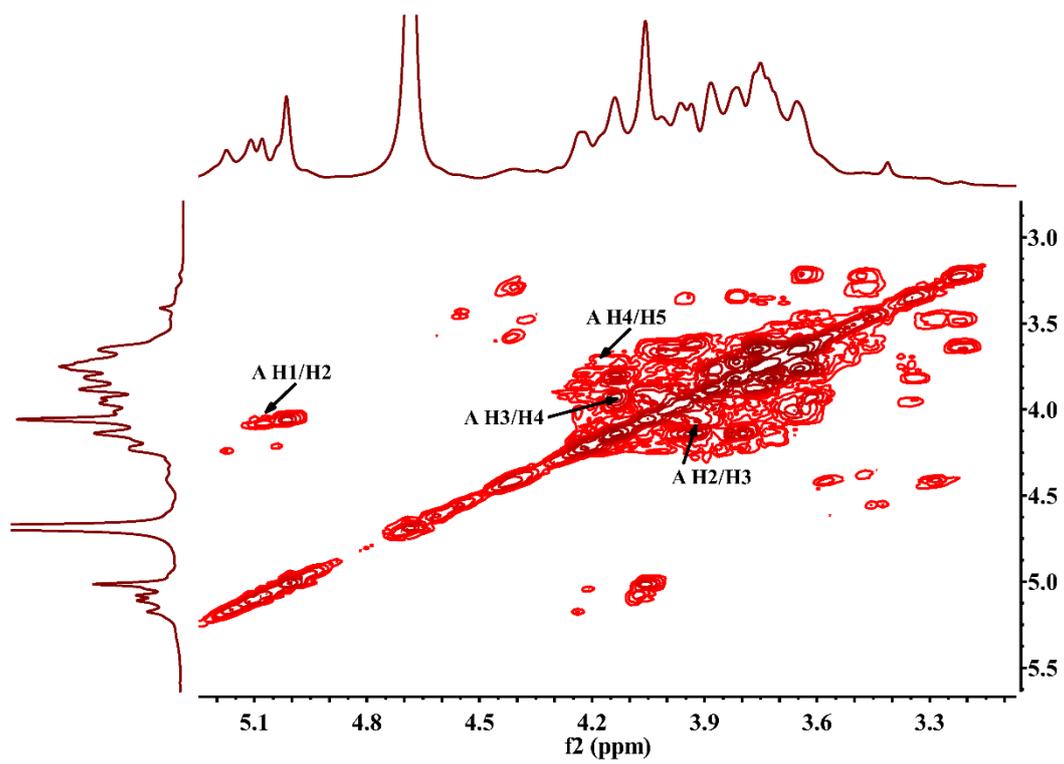


Figure S2. ^1H - ^1H COSY spectrum of JC-PS1.

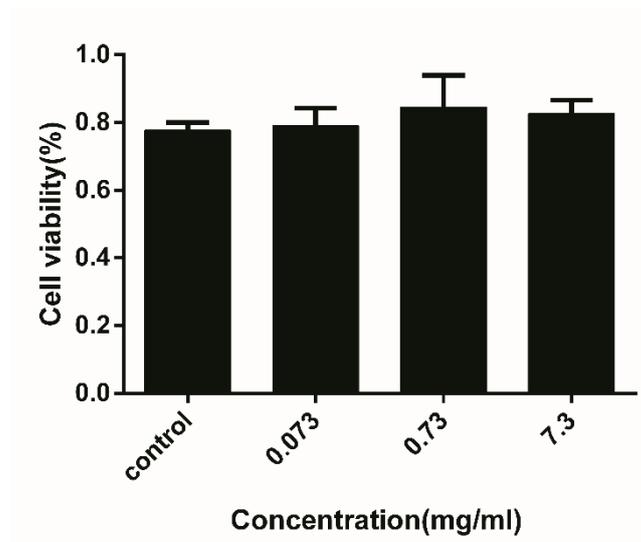


Figure S3. Cytotoxicity of JC-PS1 on RAW264.7 cells. The data were represented as mean \pm SD (n=3).

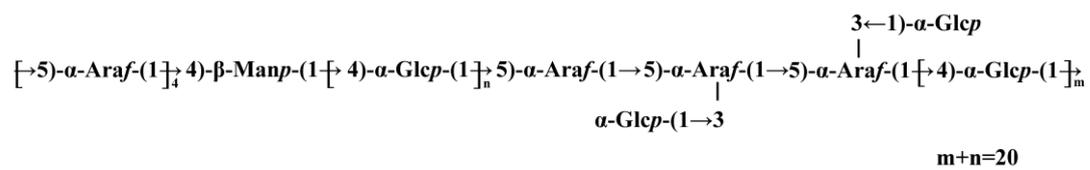


Figure S4. The repeating unit of JC-PS2.

Table S1. Alditol acetate derivatives from the methylated JC-PS2

No	Methylations sugars	Linkage	Molar ratios	MS Fragments
1	2,3,6-Me ₃ -Glc _p	→4)-Glc _p -(1→	30.1	71,87,99,101,113,117,129,131,173,233
2	2,3,4,6-Me ₄ -Glc _p	Glc _p -(1→	3.1	71,87,101,117,129,145,161,205
3	2,3,6-Me ₃ -Man _p	→4)-Man _p -(1→	1.1	71,87,99,101,113,117,129,131,161,233
4	2-Me-Araf	→3,5)-Araf-(1→	3.5	71,85,99,117,127,159,201,261
5	2,3-Me ₂ -Araf	→5)-Araf-(1→	10.4	71,87,101,117,129,161,189