

SUPPORTING INFORMATION

Structural features and *in vitro* antitumor activity of a water-extracted polysaccharide from *Ganoderma applanatum*

Zan Gong^a, Meng Liu^a, Hui Liu^a, Zhiwei Deng^a, Xiangxiang Qin^a, Jing Nie^a,

Zhe Qiao^a, Hua Zhu^{b*}, Shian Zhong^{a,c*}

^aCollege of Chemistry and Chemical Engineering, Central South University,
Changsha 410083, China

^bGuangXi University of Chinese Medicine, Nanning 530200, China

^cChangsha Medical University, Changsha 410083, China

*Corresponding author:

College of Chemistry and Chemical Engineering, Central South University, Changsha,
Hunan, 410083, China

Tel: +86 0731 88879616; Fax: +86 0731 88879616;

E-mail: zhongshian@aliyun.com (Shian Zhong)

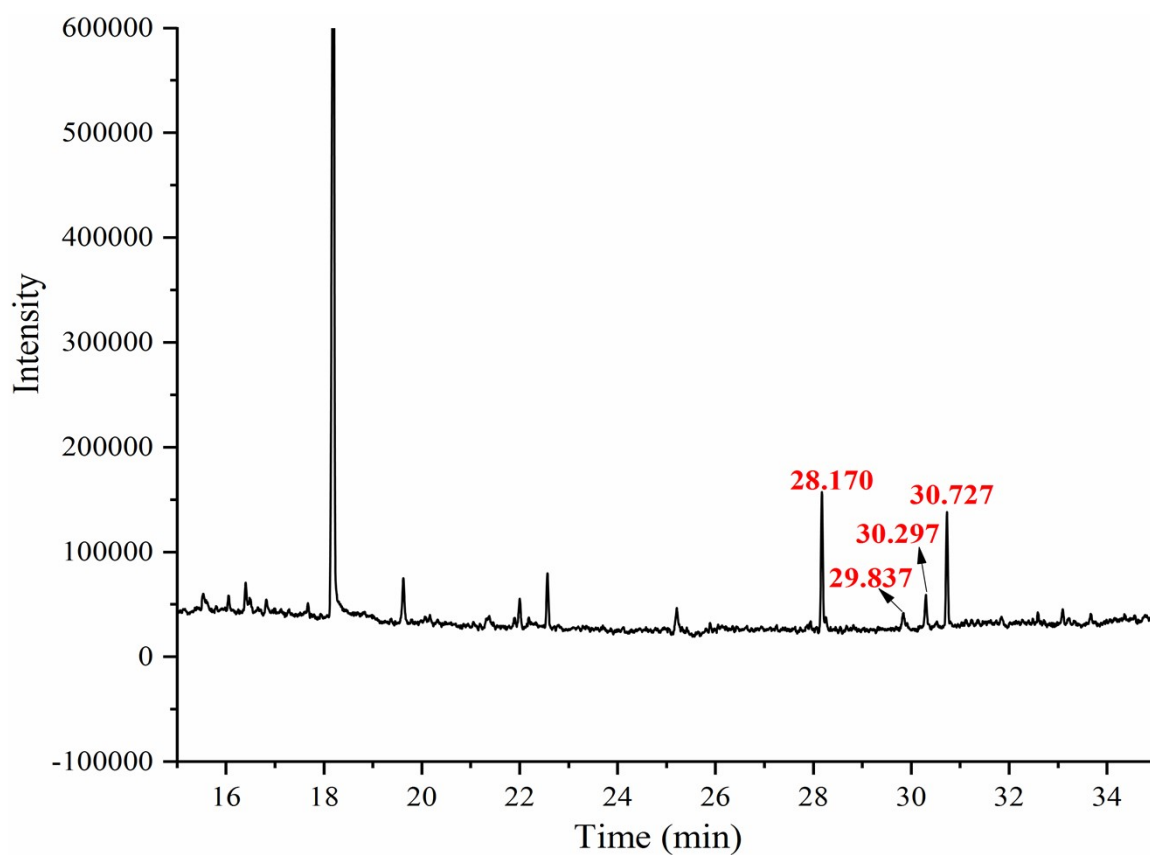


Fig. S1 Total ion chromatogram of derivatized GAP-2.

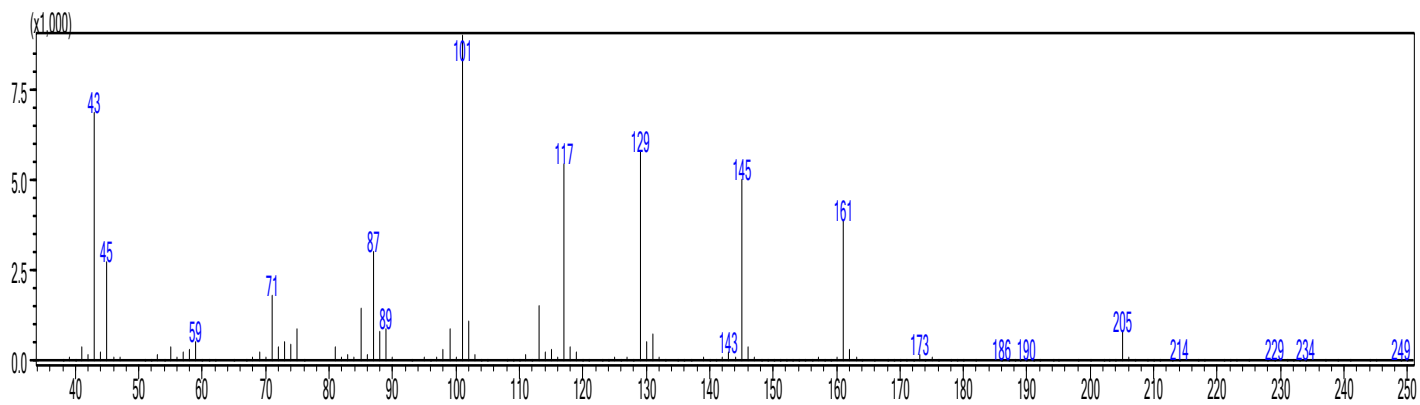


Fig. S2 Mass spectrum with the retention time of 28.170.

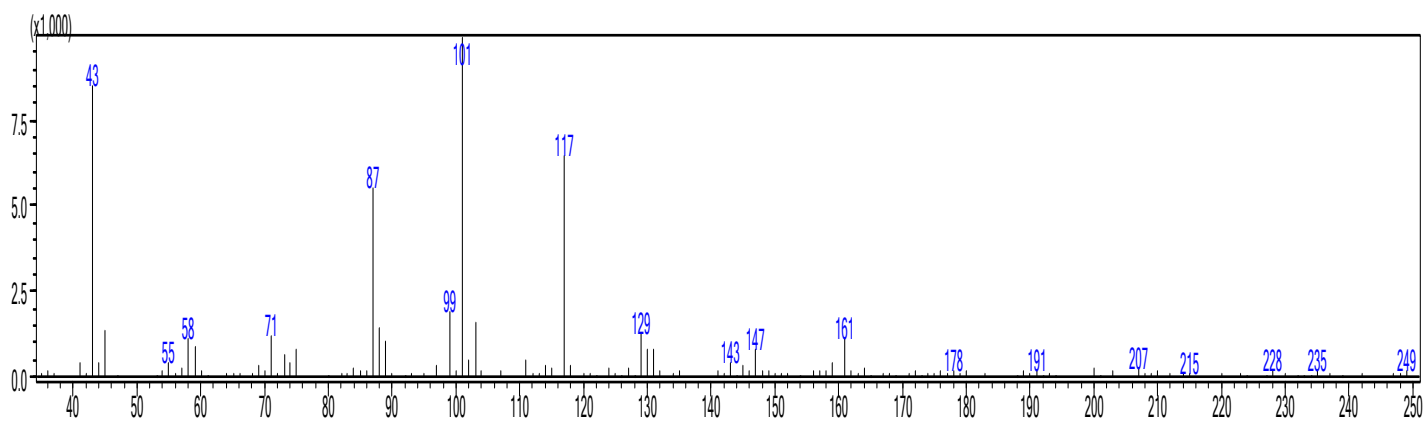


Fig. S3 Mass spectrum with the retention time of 29.837.

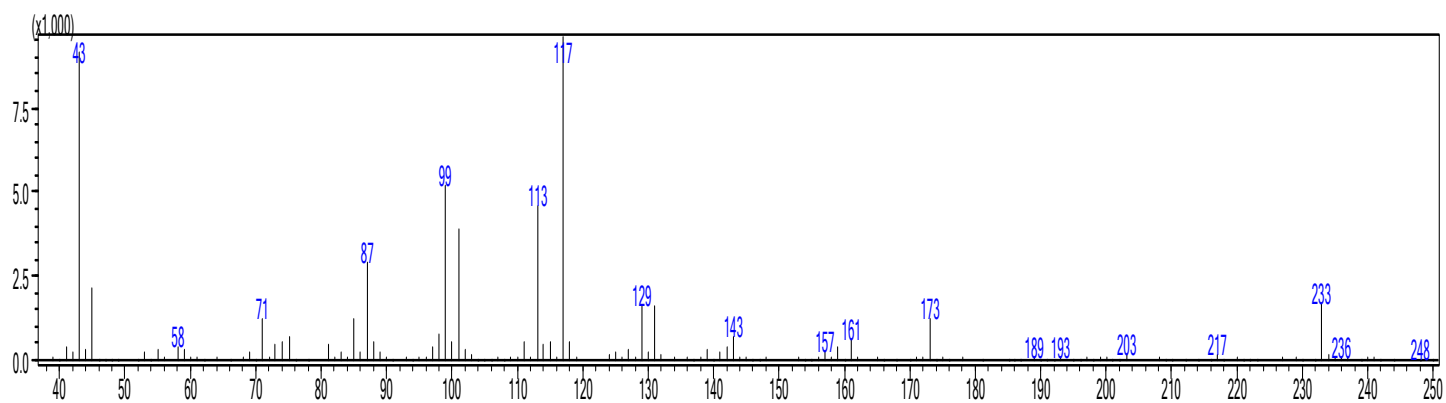


Fig. S4 Mass spectrum with the retention time of 30.297.

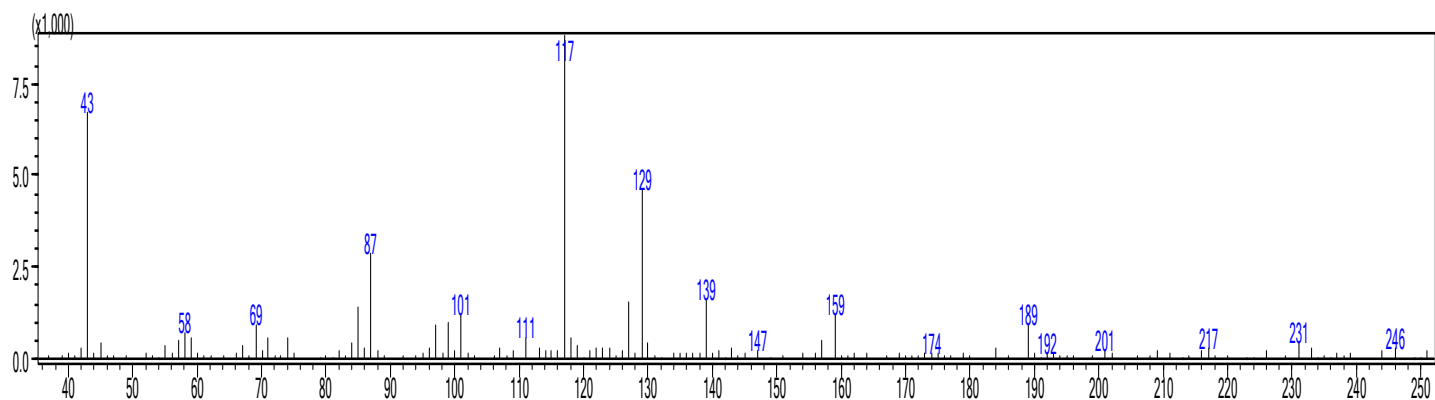


Fig. S5 Mass spectrum with the retention time of 30.727.

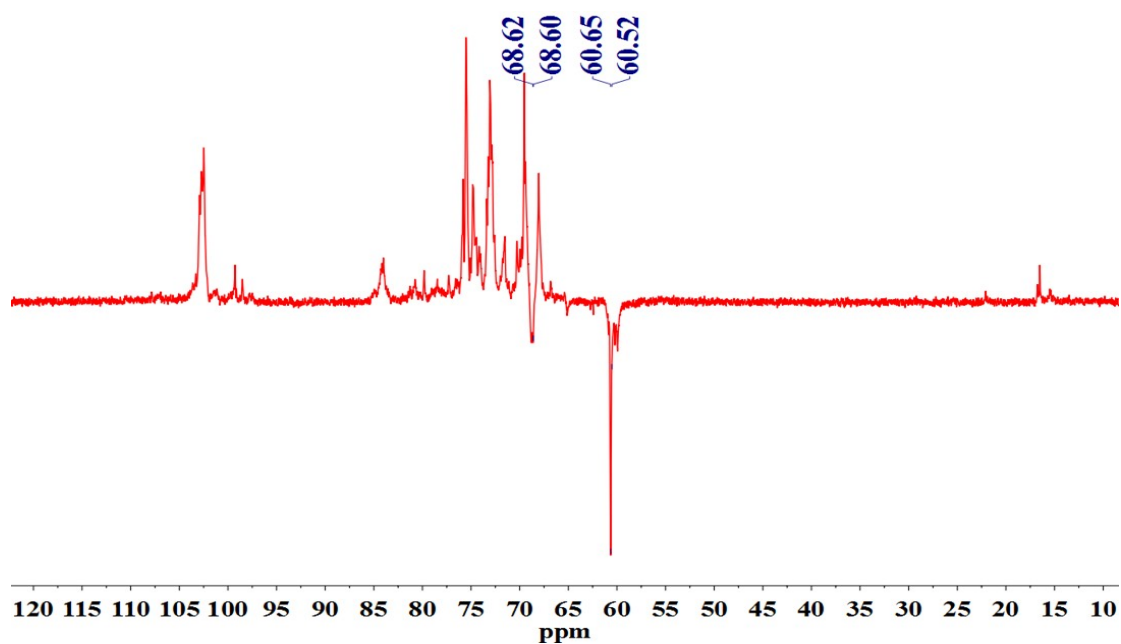


Fig. S6 DEPT-135 spectrum of GAP-2.