

Accepted Manuscript

The influence of polysaccharides from *Ophiopogon japonicus* on 2,3,5,4'-tetrahydroxy-stilbene-2-O- β -d-glucoside about biopharmaceutical properties in vitro and pharmacokinetics in vivo

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PII: S0141-8130(18)32725-9

DOI: doi:[10.1016/j.ijbiomac.2018.07.179](https://doi.org/10.1016/j.ijbiomac.2018.07.179)

Reference: BIOMAC 10223

To appear in: *International Journal of Biological Macromolecules*

Received date: 4 June 2018

Revised date: 12 July 2018

Accepted date: 29 July 2018

Please cite this article as: Li-Li Sun, Meng Wang, Hui-Jie Zhang, Guang-jiao You, Ya-Nan Liu, Xiao-Liang Ren, Yan-Ru Deng , The influence of polysaccharides from *Ophiopogon japonicus* on 2,3,5,4'-tetrahydroxy-stilbene-2-O- β -d-glucoside about biopharmaceutical properties in vitro and pharmacokinetics in vivo. *Biomac* (2018), doi:[10.1016/j.ijbiomac.2018.07.179](https://doi.org/10.1016/j.ijbiomac.2018.07.179)

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ABSTRACT

2,3,5,4'-tetrahydroxy-stilbene-2-O- β -D-glucoside (THSG) is a bioactive polyhydroxystilbene compound obtained from *Polygonum multiflorum* Thunb.. Although it has broad therapeutic potential, the application of THSG is limited due to its poor stability *in vitro*, poor absorption in the intestine, and short-term storage in tissues. Polysaccharides from herbal medicines have been proven to be functional foods and potential natural plant derived drugs. However, the effects of polysaccharides when co-administered with other active ingredients are currently unknown. The present study investigated the influences of *Ophiopogon japonicus*

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