

Accepted Manuscript

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PII: S0731-7085(16)31556-4
DOI: <http://dx.doi.org/doi:10.1016/j.jpba.2017.07.052>
Reference: PBA 11432

To appear in: *Journal of Pharmaceutical and Biomedical Analysis*

Received date: 30-12-2016
Revised date: 20-7-2017
Accepted date: 30-7-2017

Please cite this article as: Guangyi Yang, Wei Lu, Meng Pan, Chenning Zhang, Yuan Zhou, Pei Hu, Ming Hu, Gao Song, An LC-MS/MS method for simultaneous determination of nine steroidal saponins from *Paris polyphylla* var. in rat plasma and its application to pharmacokinetic study, *Journal of Pharmaceutical and Biomedical Analysis* <http://dx.doi.org/10.1016/j.jpba.2017.07.052>

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An LC-MS/MS method for simultaneous determination of nine steroidal saponins from *Paris polyphylla* var. in rat plasma and its application to pharmacokinetic study

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Highlights

- An UPLC-MS/MS method to quantify 9 saponins from *Paris polyphylla* was developed and validated.
- The sensitive and robust method was successfully used in a pharmacokinetic study in SD rats.
- PK profiles of the 9 major components in the titled plant are afforded.

ABSTRACT:

Paris polyphylla var is an herb widely used in Traditional Chinese Medicine. The purpose of this study is to develop an Ultra Performance Liquid Chromatography-tandem mass spectrometer (UPLC-MS) method to quantify the major components

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