Accepted Manuscript

Validation of a rapid and sensitive reversed-phase liquid chromatographic method for the quantification of prenylated chalcones and flavanones in plasma and urine NFS Journal

Nadine Sus, Jasmin Schlienz, Laura A. Calvo-Castro, Markus Burkard, Sascha Venturelli, Christian Busch, Jan Frank

PII: S2352-3646(17)30061-5 DOI: doi:10.1016/j.nfs.2017.11.001

Reference: NFS 33

To appear in: NFS Journal

Received date: 16 September 2017 Revised date: 12 November 2017 Accepted date: 16 November 2017

Please cite this article as: Nadine Sus, Jasmin Schlienz, Laura A. Calvo-Castro, Markus Burkard, Sascha Venturelli, Christian Busch, Jan Frank, Validation of a rapid and sensitive reversed-phase liquid chromatographic method for the quantification of prenylated chalcones and flavanones in plasma and urine. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Nfs(2017), doi:10.1016/j.nfs.2017.11.001

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Validation of a rapid and sensitive reversed-phase liquid chromatographic method for the quantification of prenylated chalcones and flavanones in plasma and urine

Nadine Sus¹, Jasmin Schlienz¹, Laura A. Calvo-Castro¹, Markus Burkard², Sascha Venturelli²,

Christian Busch^{3,4} and Jan Frank¹

¹Institute of Biological Chemistry and Nutrition, University of Hohenheim, D-70599 Stuttgart, Germany

²Department of Internal Medicine I, Medical University Hospital, Tuebingen, Germany

³Division of Dermatologic Oncology, Department of Dermatology and Allergology,

University of Tuebingen, Tuebingen, Germany

⁴Pallas Clinic, Winterthur, Switzerland

Corresponding author: Jan Frank, Institute of Biological Chemistry and Nutrition, University of Hohenheim, Garbenstr. 28, D-70599 Stuttgart, Germany, phone: +49-711-459 24459, fax: +49-711-459 24540, email: jan.frank@nutres.de, URL: www.nutrition-research.de

Running title: RP-HPLC analysis of prenylated flavonoids from hops

Download English Version:

https://daneshyari.com/en/article/7524903

Download Persian Version:

https://daneshyari.com/article/7524903

<u>Daneshyari.com</u>