Supporting Information

Acetylated Furostene Glycosides from *Solanum gilo* Fruits

Edwige Nana Tchoupang¹, Christina Reder², Sylvain Benjamin Ateba¹, Martin Zehl²-³, Hanspeter Kählig⁴, Dieudonné Njamen¹, Franziska Höller², Sabine Glasl-Tazreiter², Liselotte Krenn²

Affiliations

¹Laboratory of Animal Physiology, Department of Animal Biology and Physiology, Faculty of Science, University of Yaounde 1, Yaounde, Cameroon
²Department of Pharmacognosy, University of Vienna, Vienna, Austria
³Department of Analytical Chemistry, University of Vienna, Vienna, Austria
⁴Institute of Organic Chemistry, University of Vienna, Vienna, Austria

Correspondence

*Assoc. Prof. Dr. Liselotte Krenn*

Department of Pharmacognosy

University of Vienna

Althanstrasse 14

1090 Vienna

Austria

Dedicated to Professor Dr. Max Wichtl in recognition of his outstanding contribution to pharmacognosy research.
Fig. 1S  Informative fragment ions identified in the MS/MS spectra of the [M + Na]^+ ion of compound A (R = H) and B (R = α-rhamnopyranosyl). If two m/z values are given, the first value refers to the fragment ion of compound A and the second to B. The charge-carrying Na^+ was omitted from the structures.
Fig. 2S  Informative fragment ions identified in the MS/MS spectra of the [M - H₂O + H]⁺ ion of compound A (R = H) and B (R = α-rhamnopyranosyl). If two m/z values are given, the first value refers to the fragment ion of compound A and the second to B. The charge-carrying H⁺ was omitted from the structures.
Fig. 3S $^1$H-NMR spectrum of compound A.
Fig. 4S $^{13}$C-NMR spectrum of compound A.
Fig. 5S COSY spectrum of compound A.
Fig. 6S HMBC spectrum of compound A.
Fig. 7S HSQC spectrum of compound A.
Fig. 8S NOESY spectrum of compound A.
Fig. 9S TOCSY spectrum of compound A.
Fig. 10S $^1$H-NMR spectrum of compound B.
Fig. 11S $^{13}$C-NMR spectrum of compound B.
Fig. 12S COSY spectrum of compound B.
Fig. 13S HMBC spectrum of compound B.
Fig. 14S HSQC spectrum of compound B.
Fig. 15S NOESY spectrum of compound B.
Fig. 16S TOCSY spectrum of compound B.
Fig. 17S Determination of absolute sugar configurations in compound A (a) via mass fragment 175, selective for butylated sugars, in comparison to L-rhamnose (b) and D-glucose (c) according to Reznicek G, Susman O, Böhm K. Bestimmung der Reihenzugehörigkeit von Monosacchariden aus pflanzlichen Glykosiden mittels GC-MS. Sci Pharm 1993; 61: 35-45.