SUPPLEMENTARY MATERIAL

A new iridoid diglycoside from *Sambucus ebulus* L.

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Abstract

The phytochemical examination of the polar constituents of *Sambucus ebulus* L. leaves led to the identification of patrinoside (1) and of a new diglycoside iridoid, patrinoside-aglycone-11-O-[β-D-glucopyranosyl-(1→6)-2'-deoxy-β-D-glucopyranoside] (trivially named as sambuloside) (2). Both of these structures have been assigned by spectroscopic means (NMR and MS).

Keywords: *Sambucus ebulus* L., iridoid glycosides, patrinoside, sambuloside, NMR and MS.
Figure S1 – $^1$H NMR spectrum of compound 2

Figure S2 – $^{13}$C NMR spectrum of compound 2
Figure S3 – DEPT NMR spectrum of compound 2

Figure S4 – COSY spectrum of compound 2
Figure S5 – TOCSY spectrum of compound 2

Figure S6 – HSQC spectrum of compound 2
Figure S7 – HMBC spectrum of compound 2

Figure S8 - Selected HMBCs of compound 2.
Figure S9 – NOESY spectrum of compound 2

Figure S10 – Correlations observed in the NOESY spectrum of compound 2
Figure S11 – ESI-MS spectrum of compound 2