



Erratum

Erratum to "Phytotoxic polyacetylenes from roots of Russian knapweed (*Acroptilon repens* (L.) DC.)" [Phytochemistry 69 (2008) 2572–2578]

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Polyacetylene **3** was said to be the methyl ether of a known alcohol (**15** in Bohlmann and Zdero (1970)), but was instead characterized spectroscopically as another isomer. Reassignment of one HMBC correlation now establishes the data and structure into conformity with the Bohlmann/Zdero formulation, depicted below. This also fits **3** into a biosynthetic pattern represented by the other four polyacetylenes isolated. We thank Professor V. Wray for pointing out the discrepancies and for helpful comments.

F. Bohlmann and C. Zdero, Über die Inhaltsstoffe aus *Eclipta erecta* L. *Chem Ber.* **103** (1970), pp. 834–841.

The correct structure, name and NMR spectroscopic assignments for **3** are now given below.

4'-Acetoxy-3'-methoxy-1'-(5-penta-1,3-diyn-1-yl-2-thienyl)-but-2'-yn.

¹H NMR δ : 2.05 (6H, *brs*, H-5'', H-6'), 3.52 (3H, *s*, H-7'), 3.80 (2H, *d*, H-4', *J* = 5.6), 4.29 (1H, *t*, H-3', *J* = 11.2 and 5.6), 7.06 (1H, *d*, *J* = 4, H-4), 7.12 (1H, *d*, *J* = 4, H-3). ¹³C NMR δ : 5.0 (C-5''), 21.3 (C-6'), 57.3 (C-7'), 64.3 (C-1''), 65.2 (C-3'), 66.6 (C-3''), 72.9 (C-4'), 79.7 (C-2''), 80.1 (C-1'), 83.8 (C-4''), 89.8 (C-2'), 127.6 (C-2), 128.9 (C-5), 132.6 (C-4), 133.9 (C-3), 171.5 (C-5').

HMBC: H-4' to C-2' and C-3'; H-3' to C-1', C-2', C-4', and C-7.

The authors regret any inconvenience this may have caused.

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