

# Supporting information

## An Apigenin-Derived Xanthine Oxidase Inhibitor from *Palhinhaea cernua*

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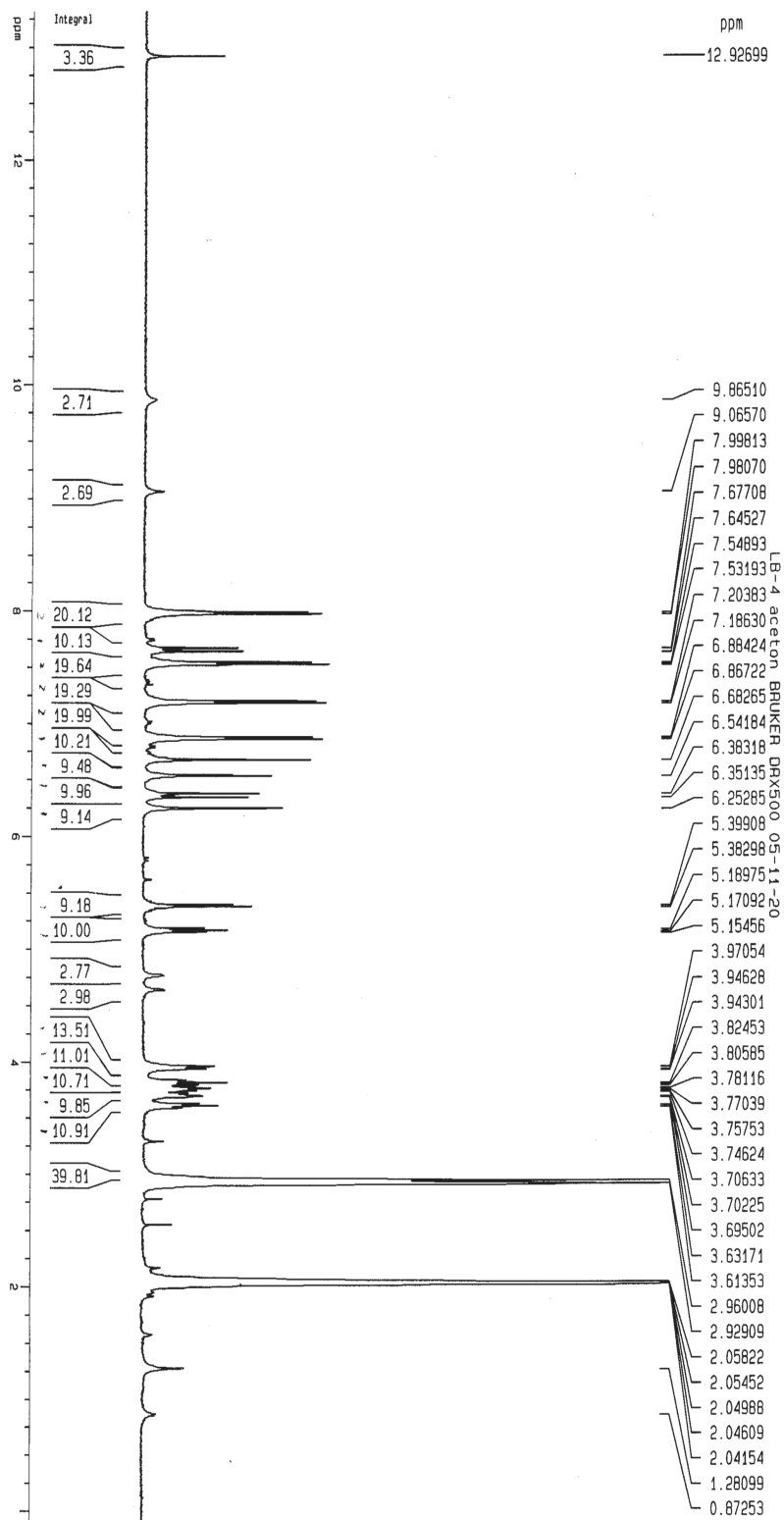


Figure S1.  $^1\text{H}$  NMR (500 MHz, acetone- $d_6$ ) of the new compound **1**.

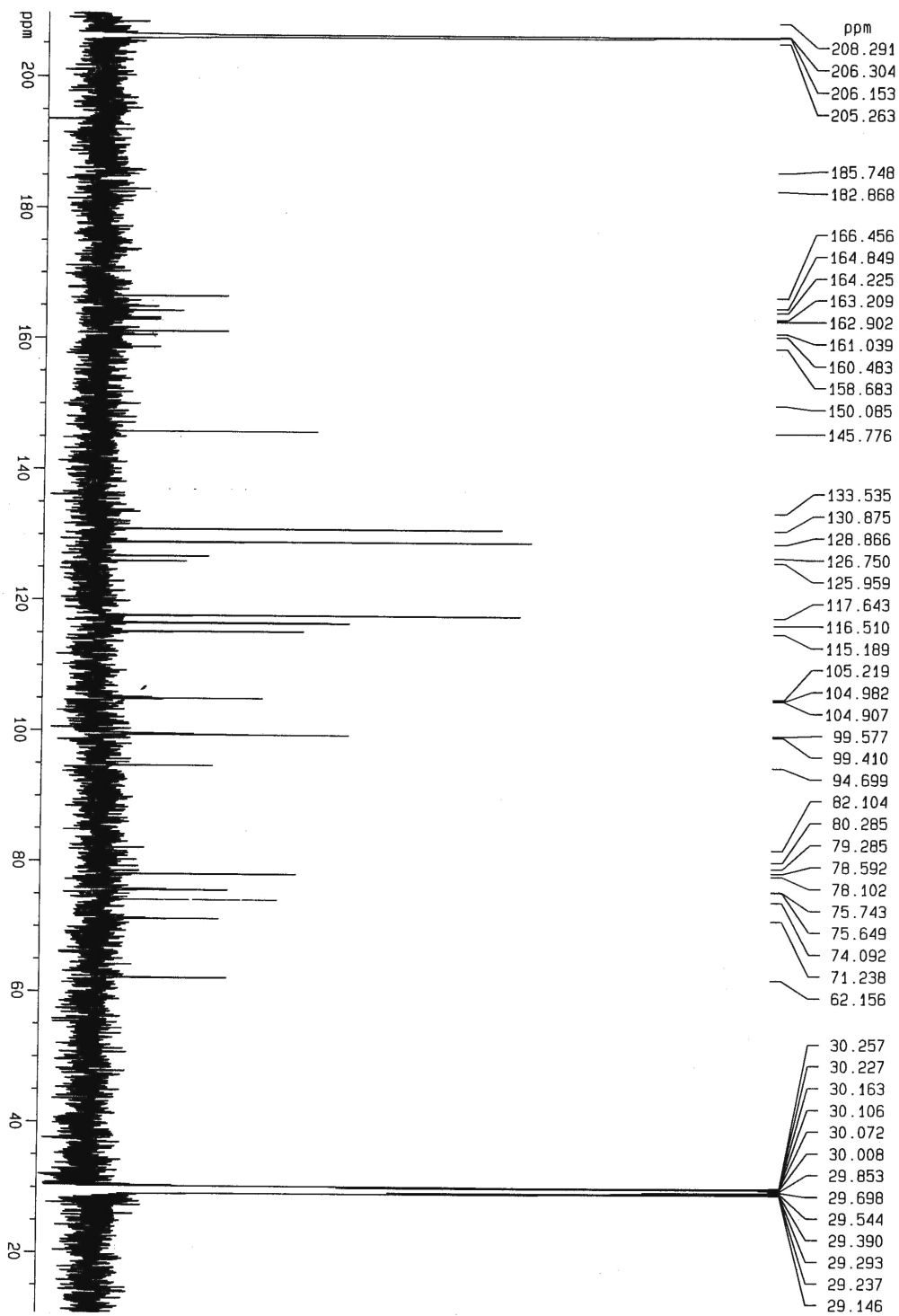


Figure S2.  $^{13}\text{C}$  NMR (125 MHz, acetone- $d_6$ ) of the new compound **1**.

LB-4-2 acetone bruker drx500 hmqc 05-11-20

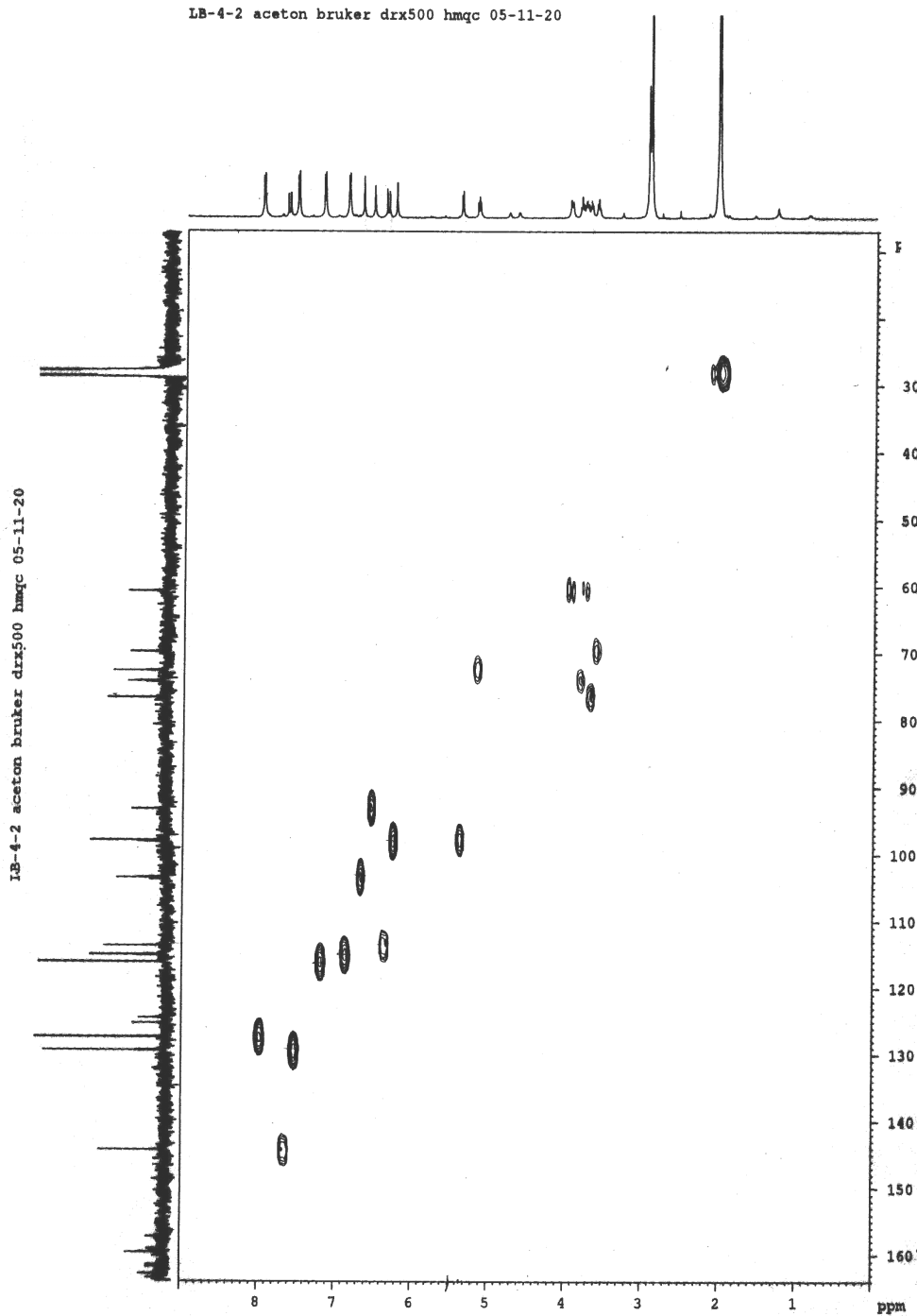


Figure S3. HMQC correlations (acetone- $d_6$ ) of the new compound 1.

LB-4-2 aceton bruker drx500 hmbc 05-11-20

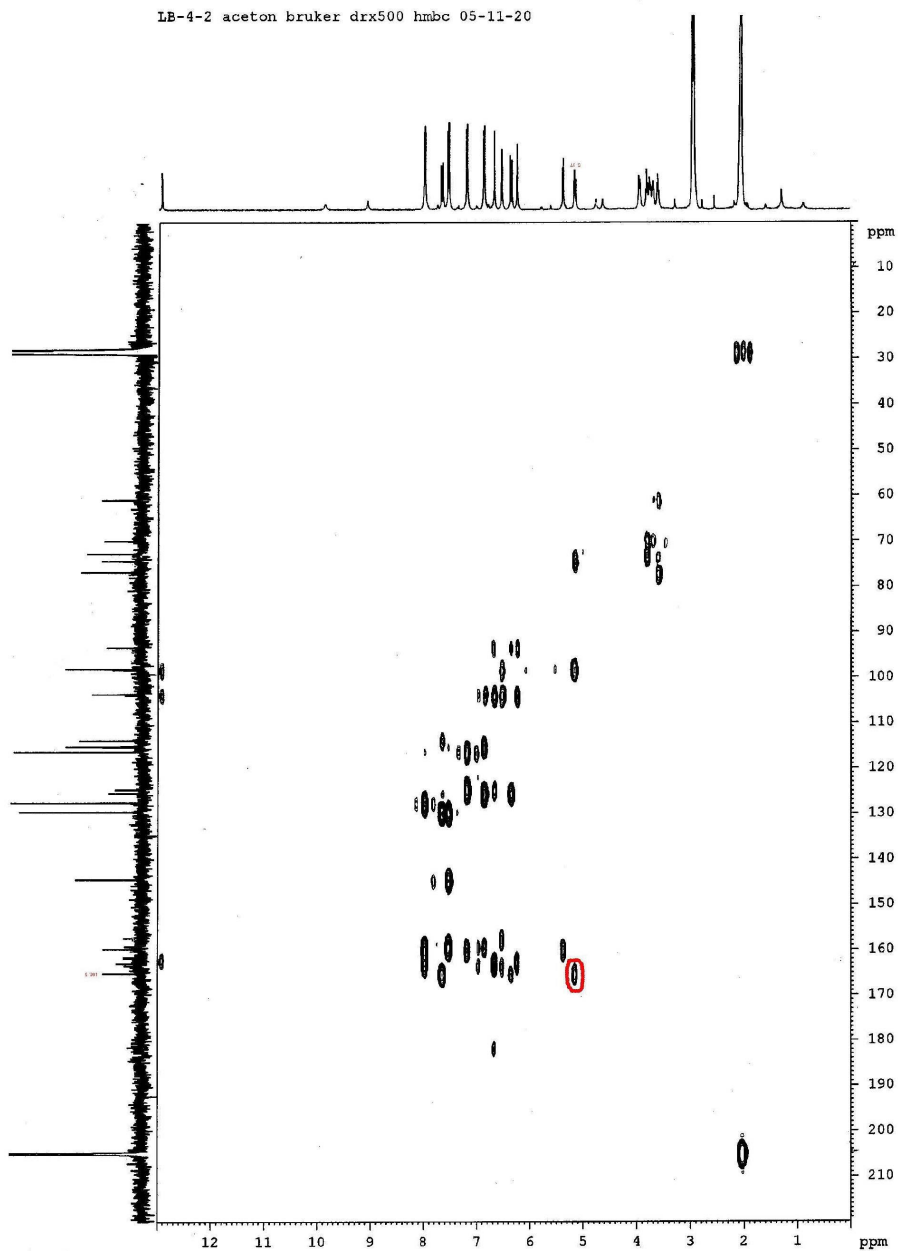
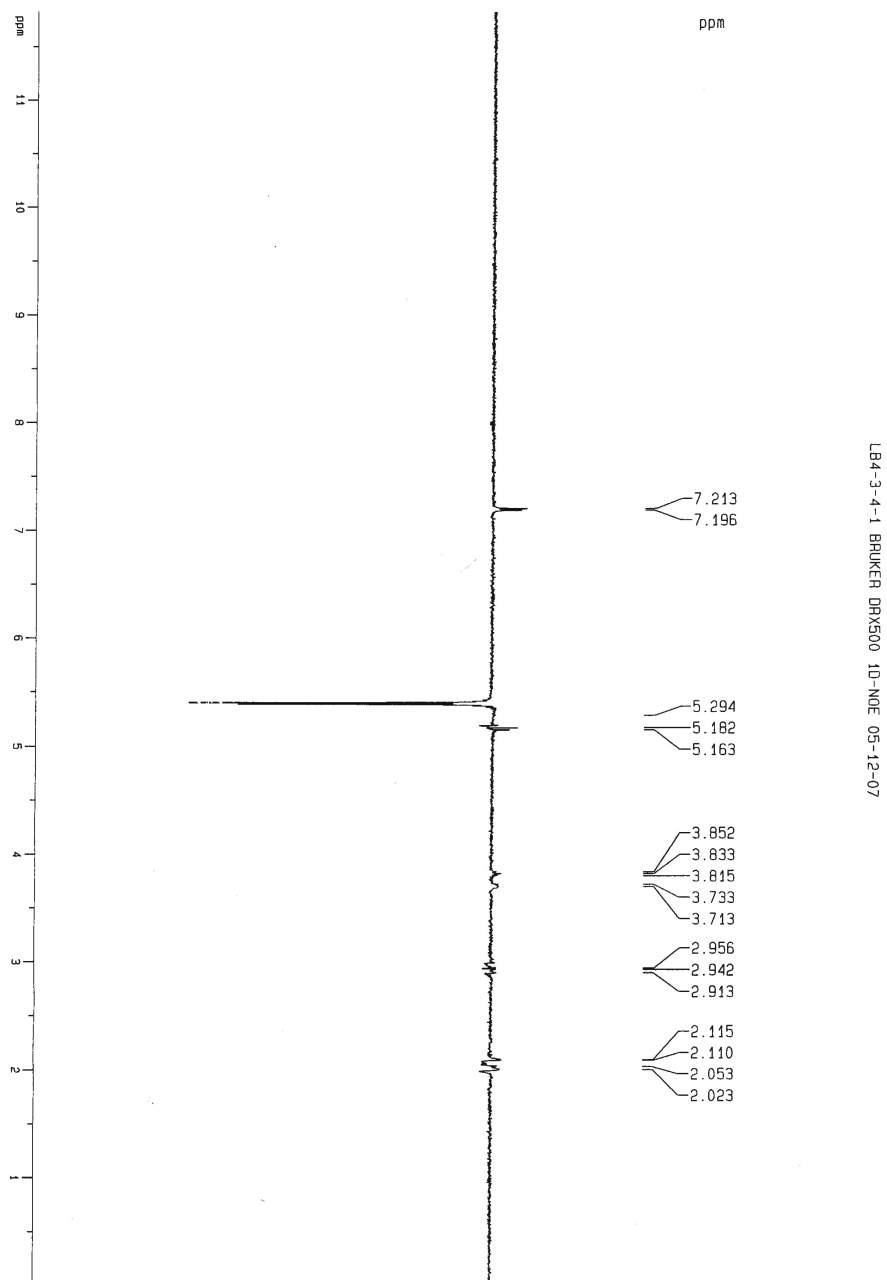


Figure S4. HMBC correlations (acetone-*d*<sub>6</sub>) of the new compound 1.



**Figure S5.** NOE difference spectroscopy (500 MHz, acetone- $d_6$ ) of the new compound **1**.