

## SUPPORTING INFORMATION

*Article*

# Ingol and Ingenol-type Diterpenes from *Euphorbia trigona* Mill. with Keratinocyte Inhibitory Activity

Reham Hammadi <sup>1</sup>, Norbert Kúsz <sup>1</sup>, Csilla Zsuzsanna Dávid <sup>1</sup>, Zoltán Behány <sup>2</sup>, László Papp <sup>3</sup>, Lajos Kemény <sup>2</sup>, Judit Hohmann <sup>1,4</sup>, Lóránt Lakatos <sup>2,\*</sup> and Andrea Vasas <sup>1,\*</sup>

<sup>1</sup> Department of Pharmacognosy, Interdisciplinary Excellence Centre, University of Szeged, 6720 Szeged, Eötvös u. 6., Hungary; reham.hammadi@pharmacognosy.hu, kusznorbert@gmail.com, davidzsuzsanna88@gmail.com, hohmann.judit@szte.hu, vasas.andrea@szte.hu

<sup>2</sup> Department of Dermatology and Allergology University of Szeged, 6720 Szeged, Korányi fasor 6., Hungary; behany.zoltan@med.u-szeged.hu, kemény.lajos@med.u-szeged.hu, lakatos.lorant@ brc.hu

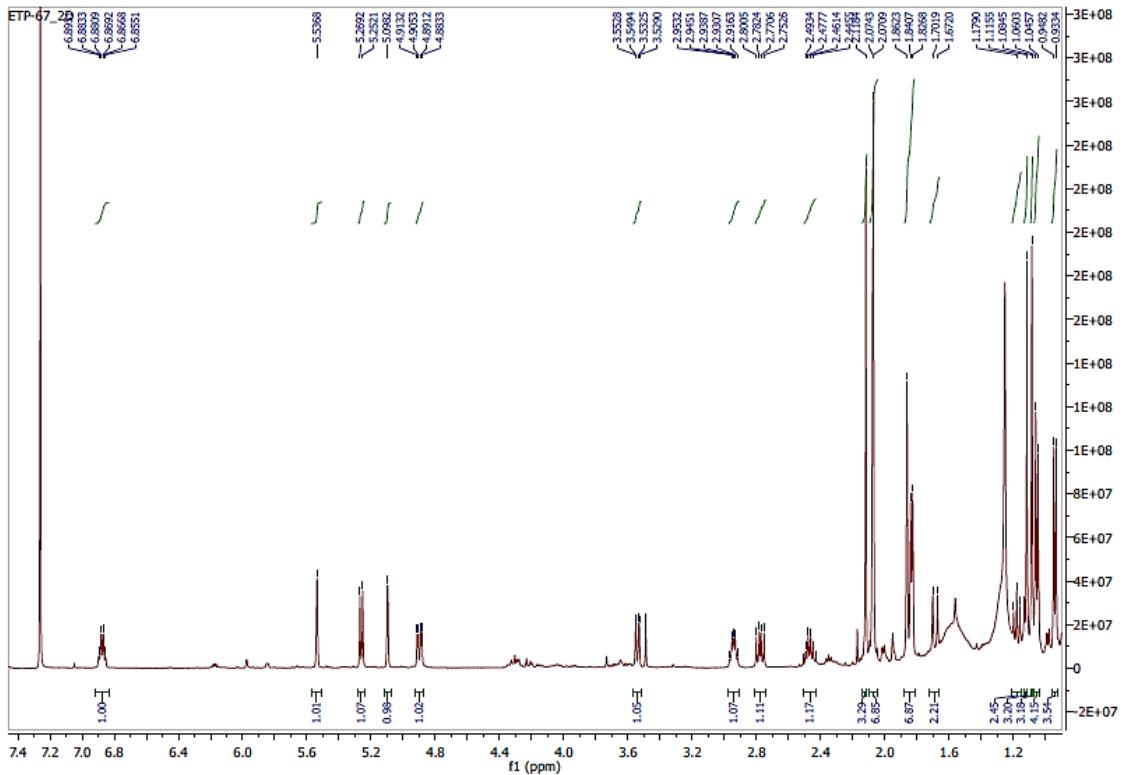
<sup>3</sup> Botanical Garden, Eötvös Loránd University, 1083 Budapest, Illés u. 25, Hungary; papplaca@gmail.com

<sup>4</sup> Interdisciplinary Centre of Natural Products, University of Szeged, 6720 Szeged, Eötvös u. 6, Hungary; hohmann.judit@szte.hu

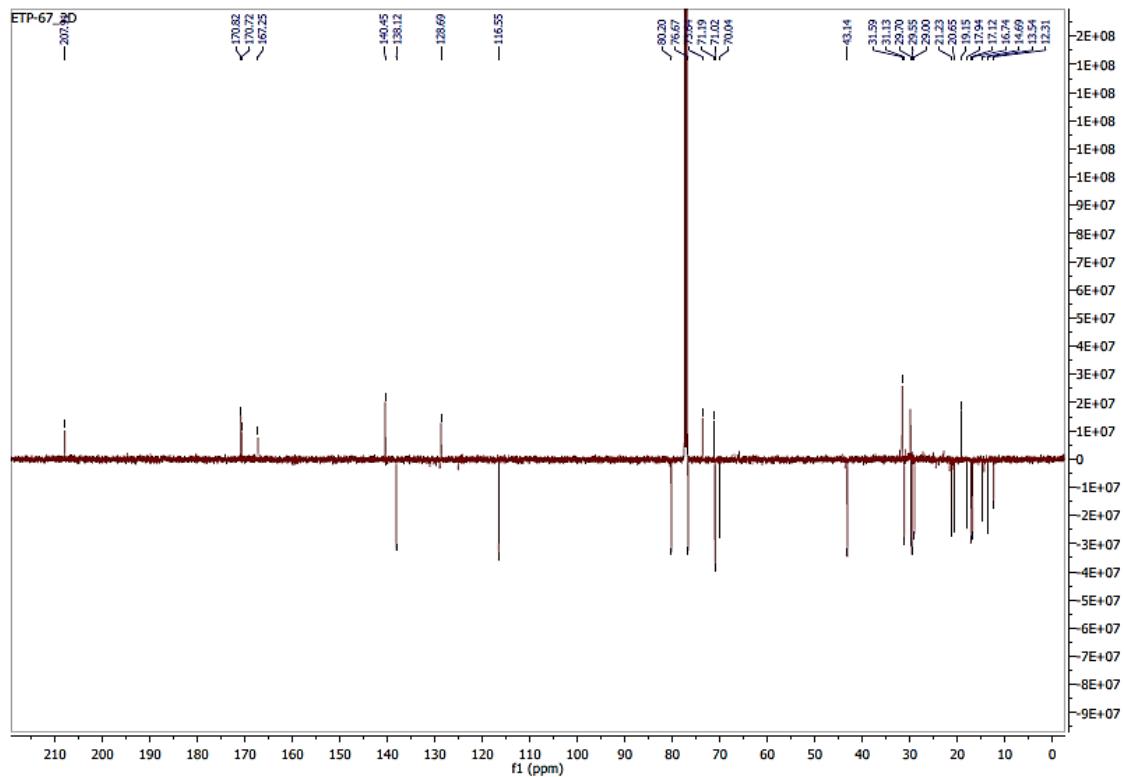
\* Correspondence: vasas.andrea@szte.hu; Tel.: +36 62546451 A.V.; lakatos.lorant @ brc.hu, L.L.

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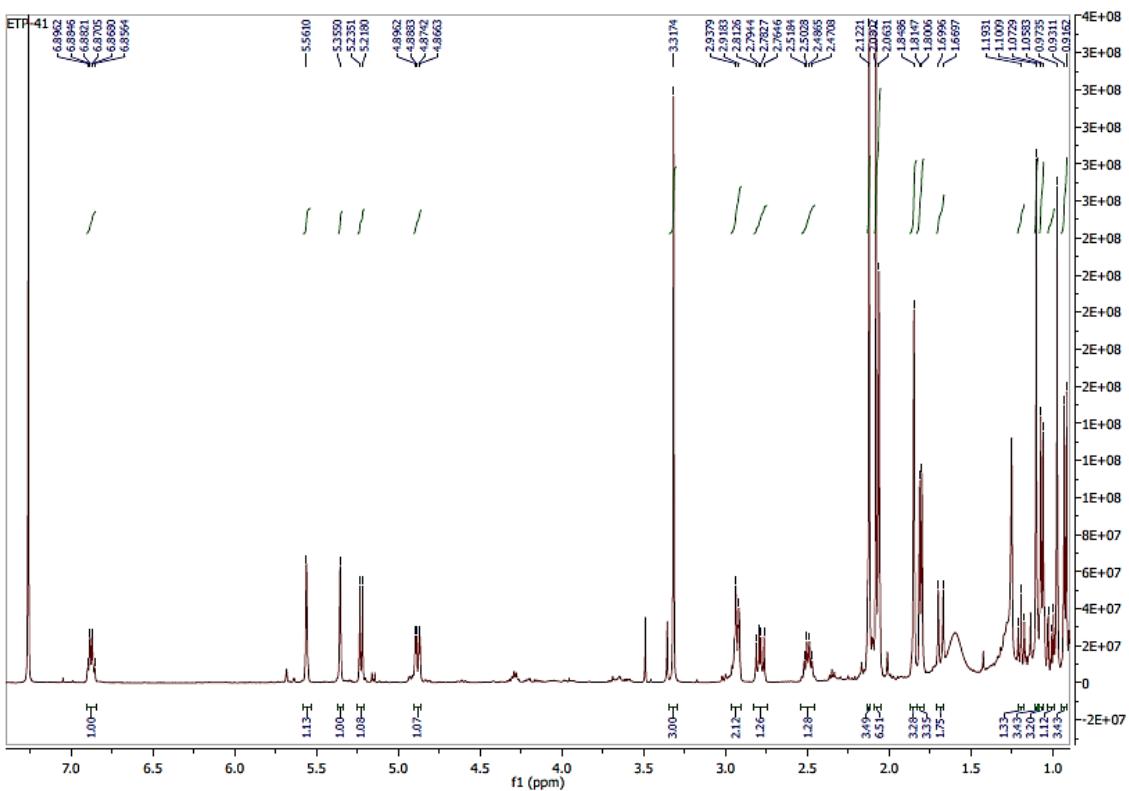
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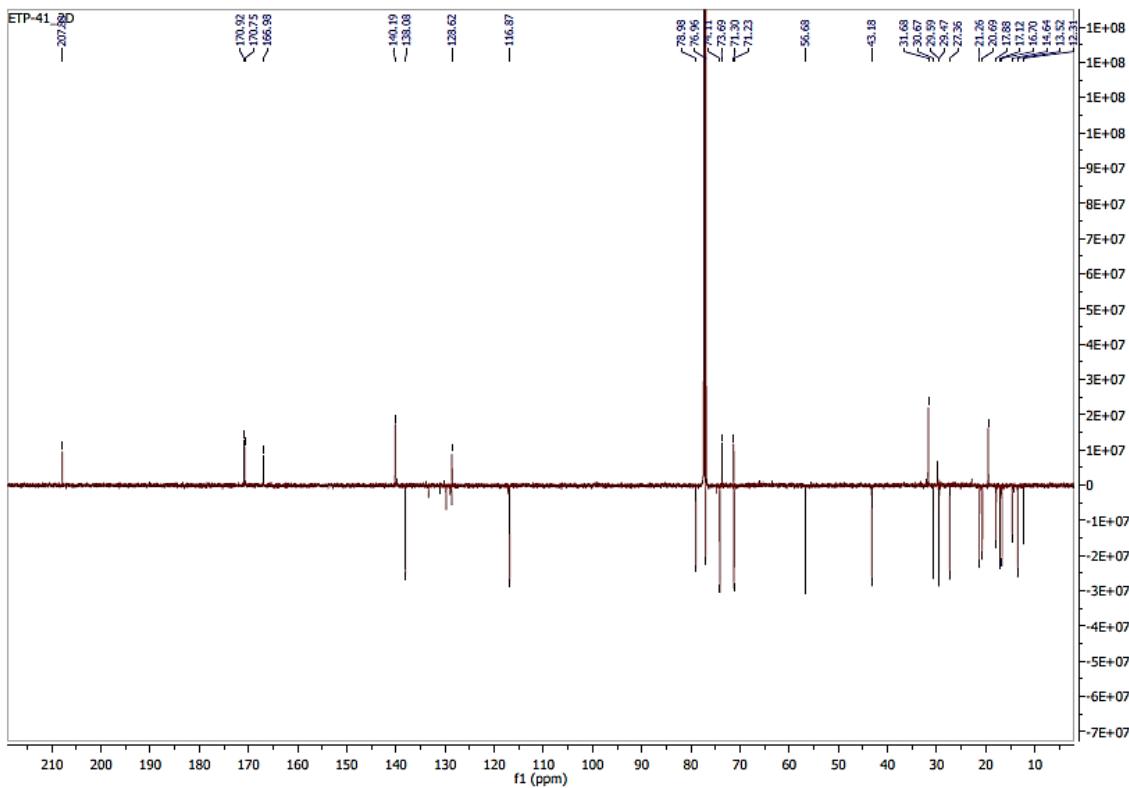
**Figure S1.**  $^1\text{H}$  NMR spectrum of compound **1** (500 MHz, in  $\text{CDCl}_3$ )



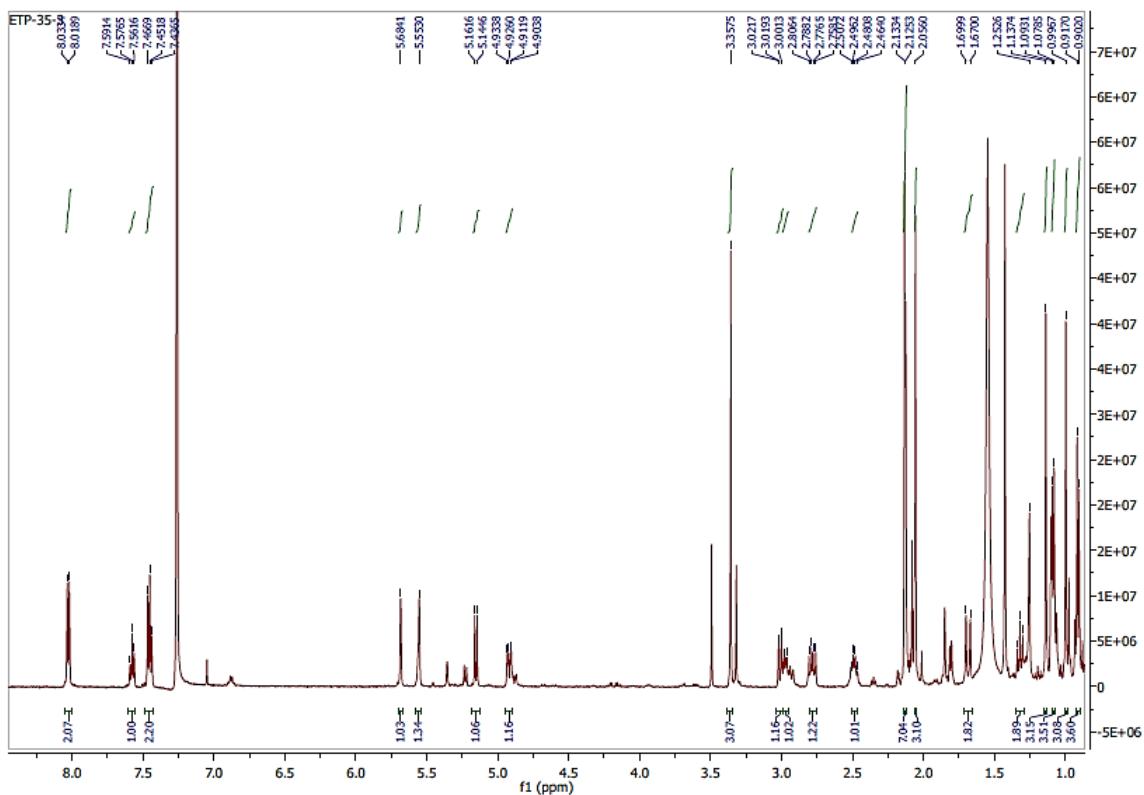
**Figure S2.**  $^{13}\text{C}$  JMOD NMR spectrum of compound **1** (125 MHz, in  $\text{CDCl}_3$ )



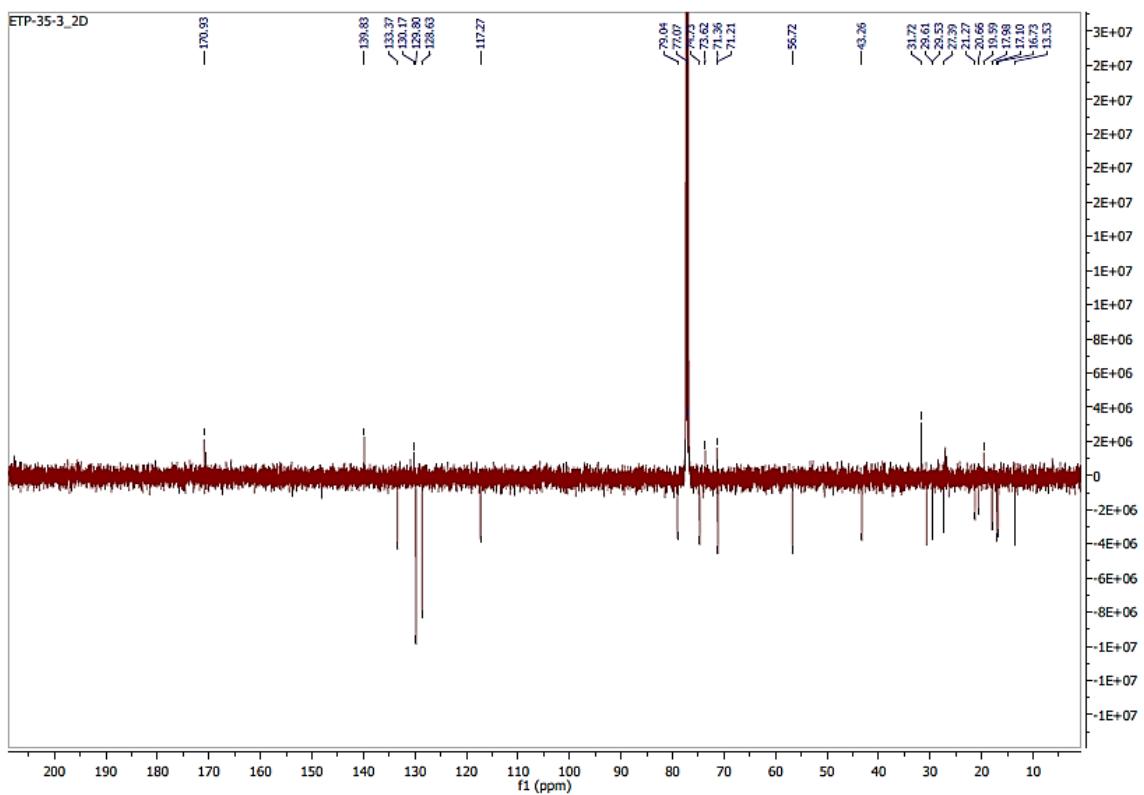
**Figure S3.**  $^1\text{H}$  NMR spectrum of compound **2** (500 MHz, in  $\text{CDCl}_3$ )



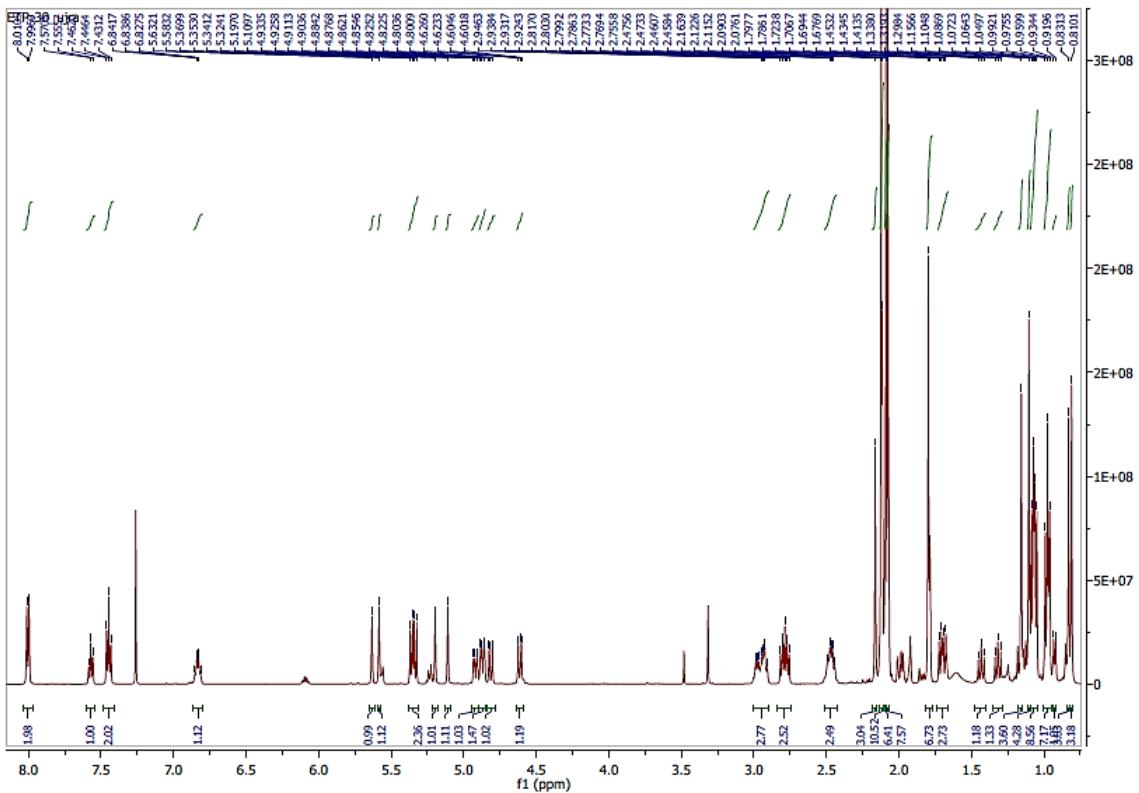
**Figure S4.**  $^{13}\text{C}$  JMOD NMR spectrum of compound **2** (125 MHz, in  $\text{CDCl}_3$ )



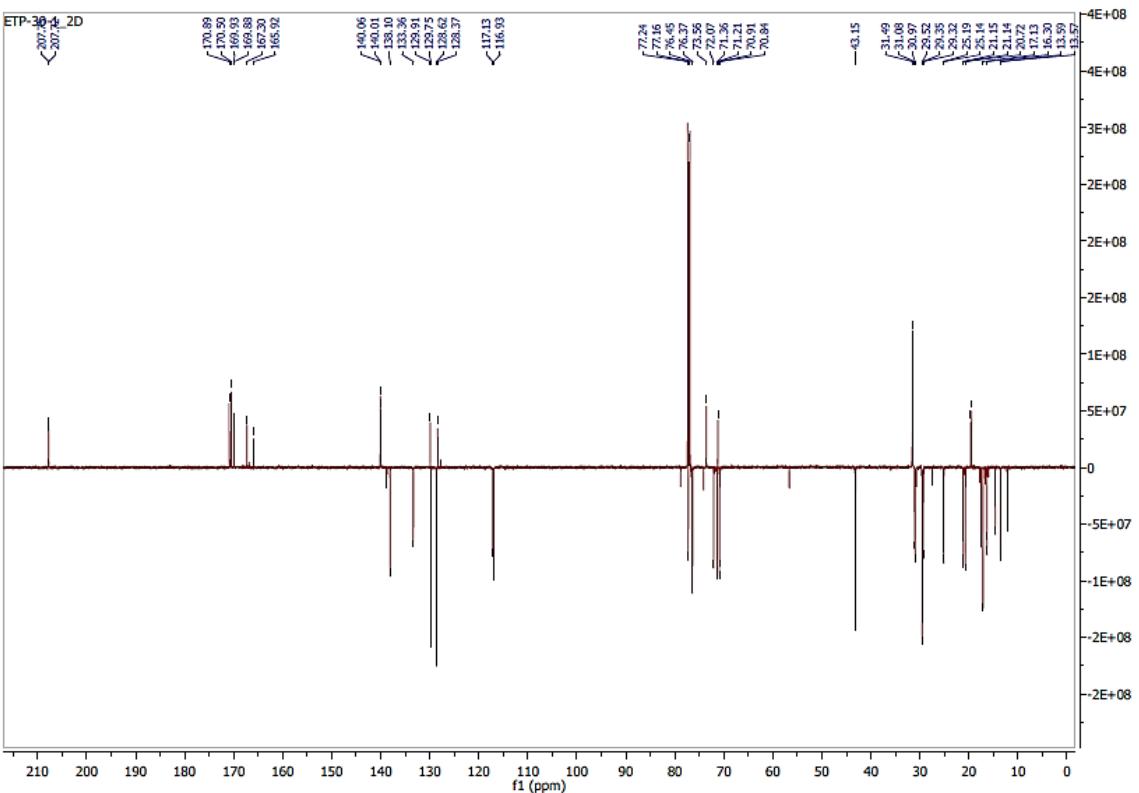
**Figure S5.**  $^1\text{H}$  NMR spectrum of compound 3 (500 MHz, in  $\text{CDCl}_3$ )



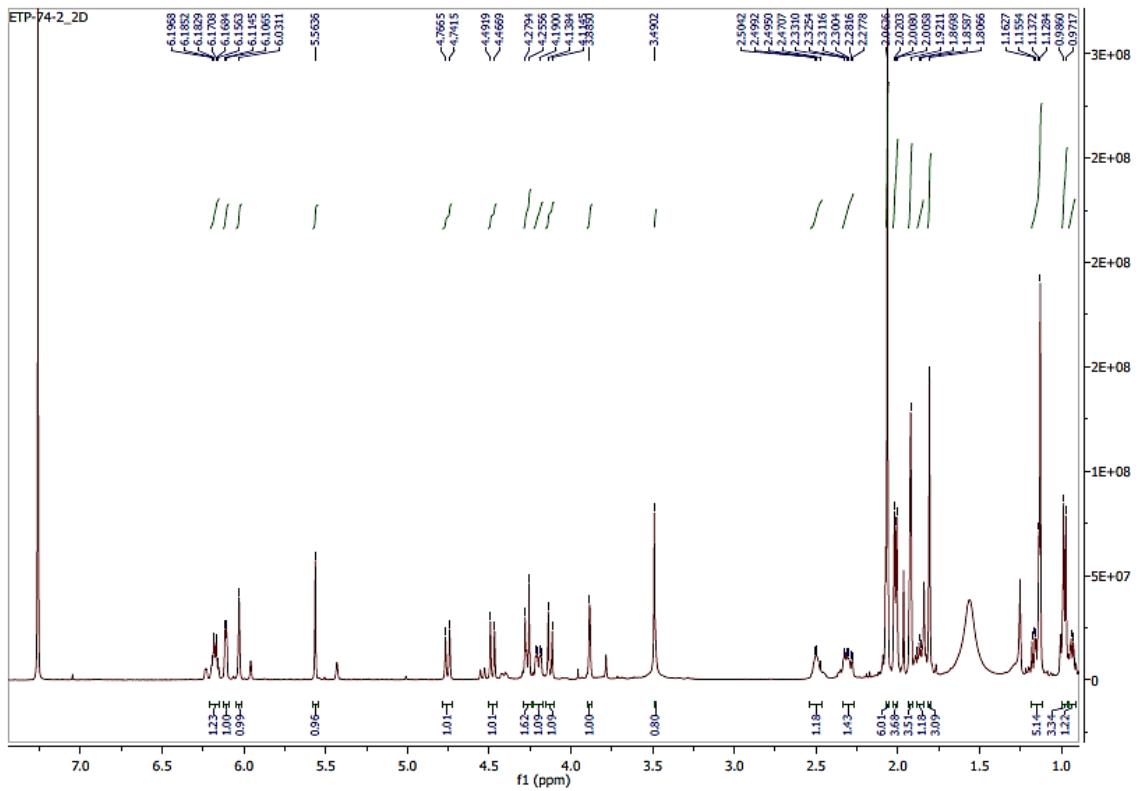
**Figure S6.**  $^{13}\text{C}$  JMOD NMR spectrum of compound 3 (125 MHz, in  $\text{CDCl}_3$ )



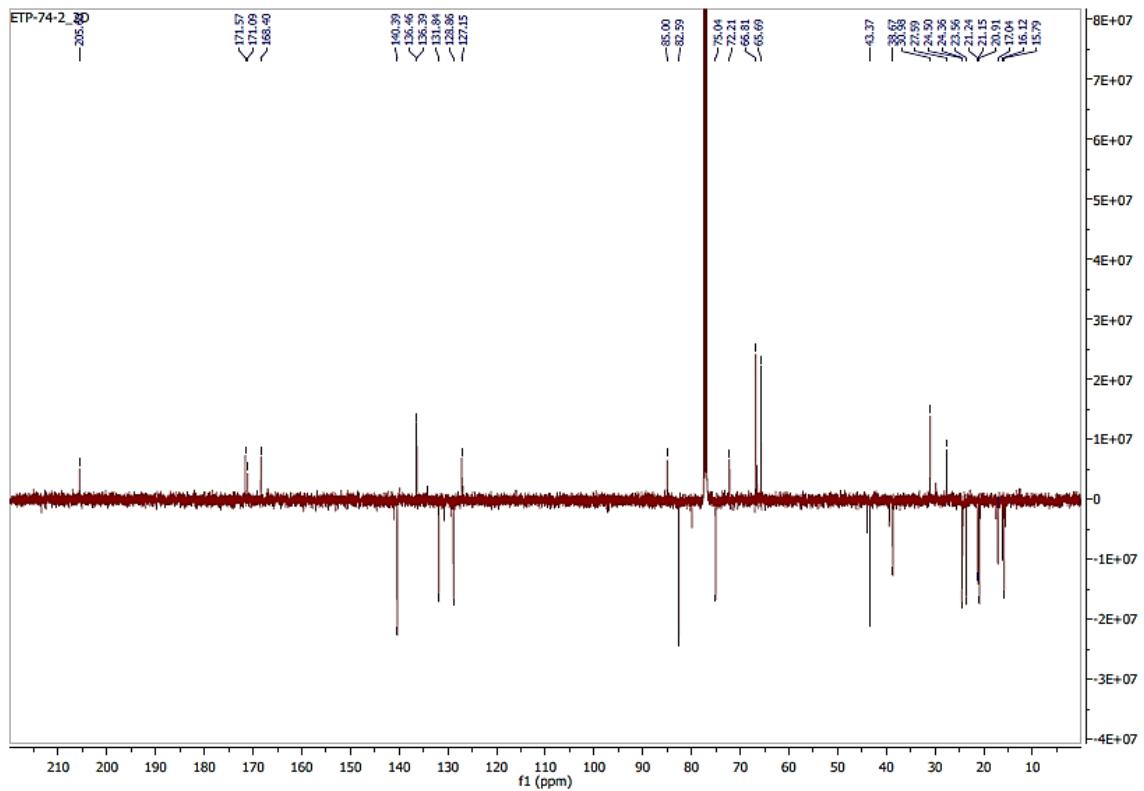
**Figure S7.**  $^1\text{H}$  NMR spectrum of the mixture of compounds **4** and **5** (500 MHz, in  $\text{CDCl}_3$ )



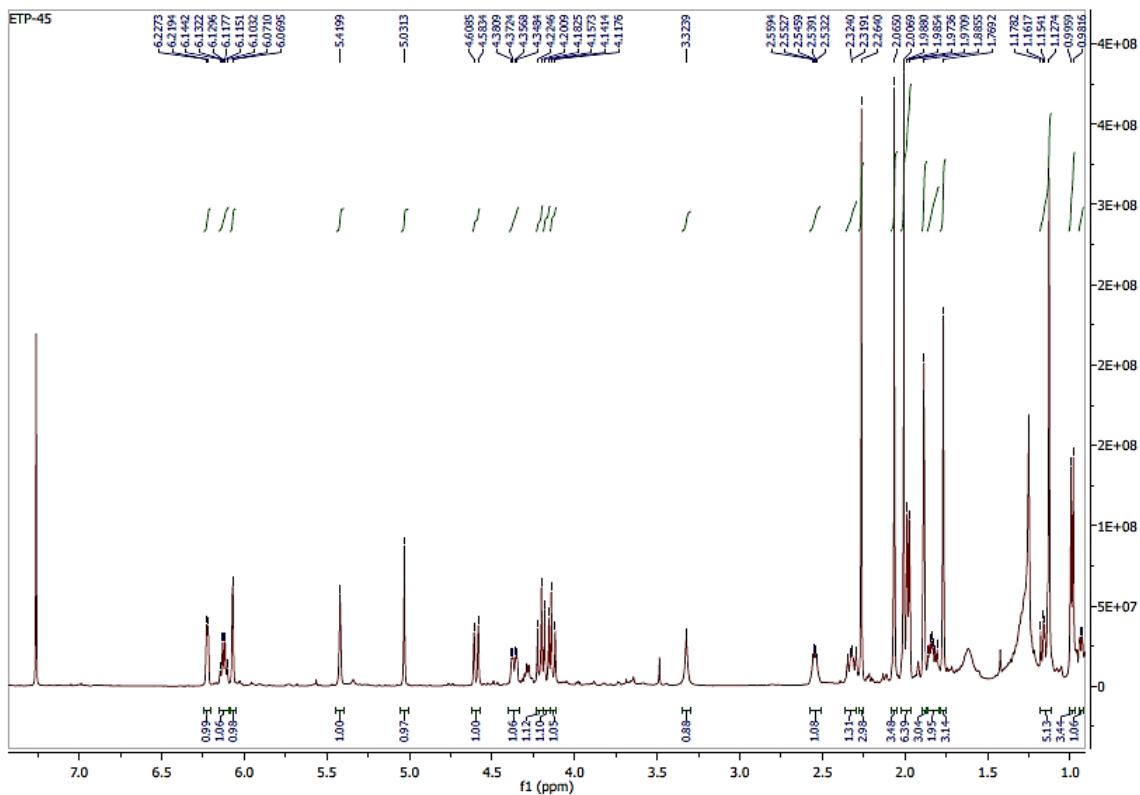
**Figure S8.**  $^{13}\text{C}$  JMORD NMR spectrum of the mixture of compounds **4** and **5** (125 MHz, in  $\text{CDCl}_3$ )



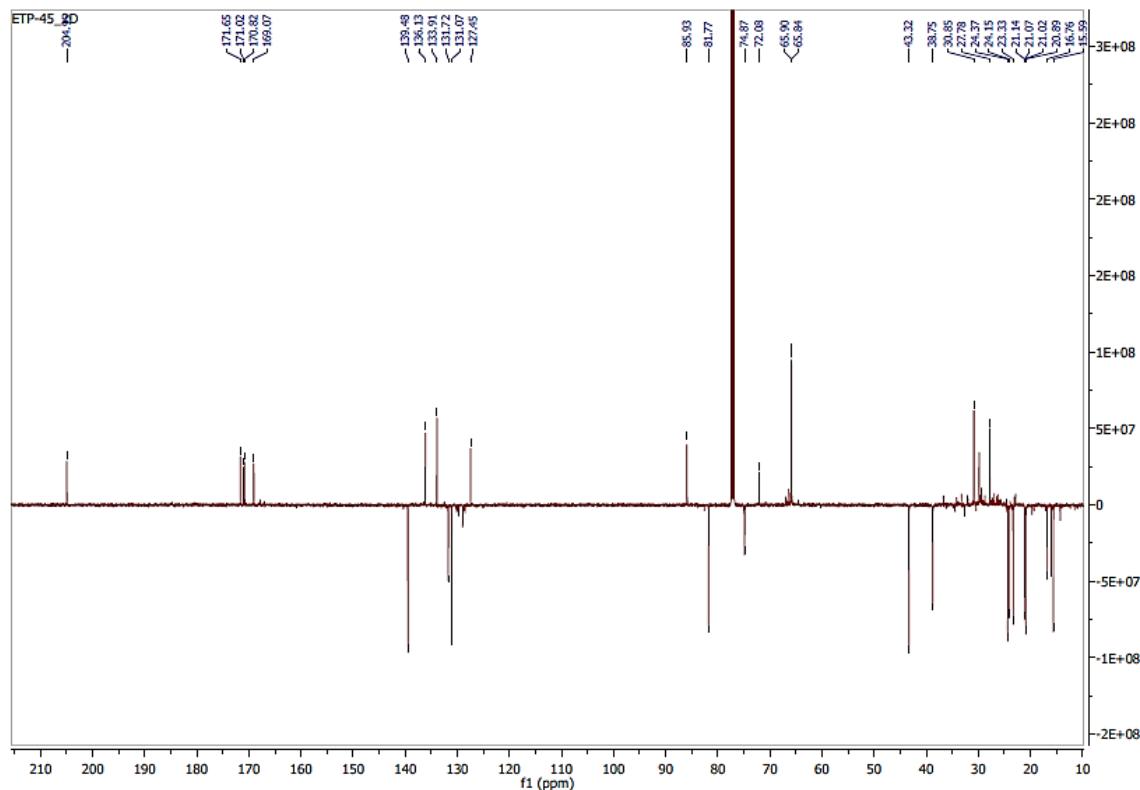
**Figure S9.**  $^1\text{H}$  NMR spectrum of compound 6 (500 MHz, in  $\text{CDCl}_3$ )



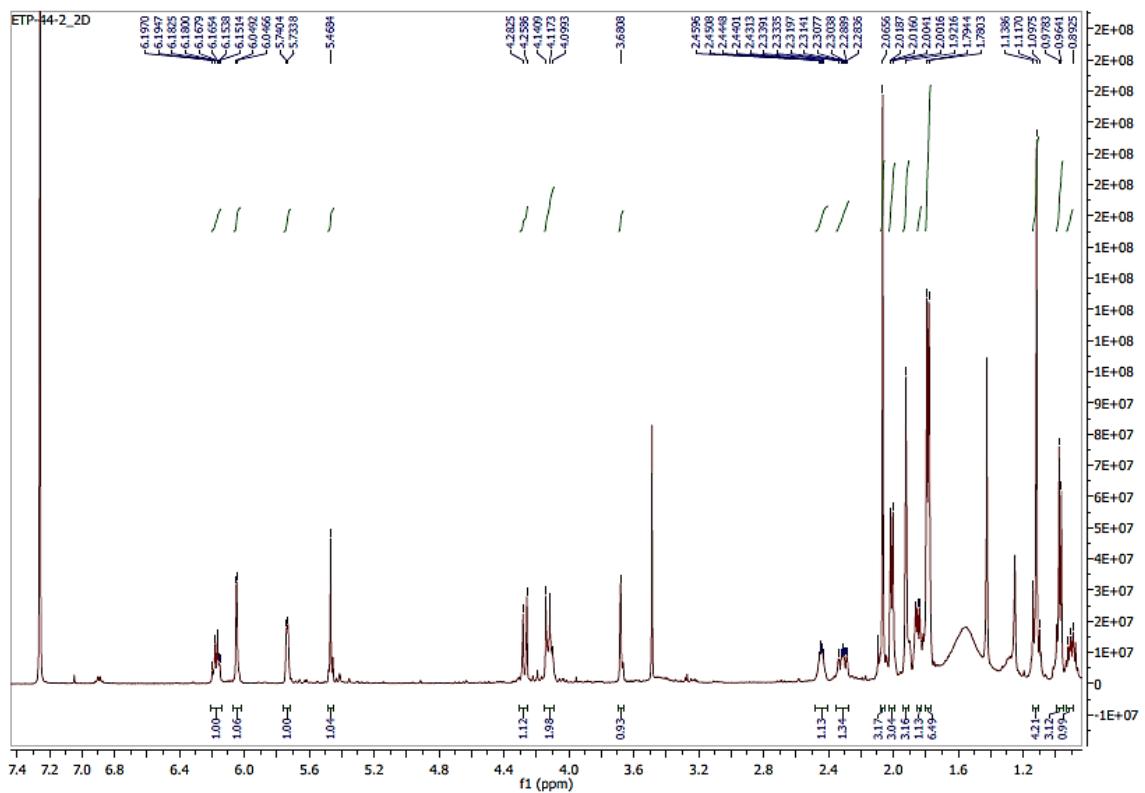
**Figure S10.**  $^{13}\text{C}$  JMORD NMR spectrum of compound 6 (125 MHz, in  $\text{CDCl}_3$ )



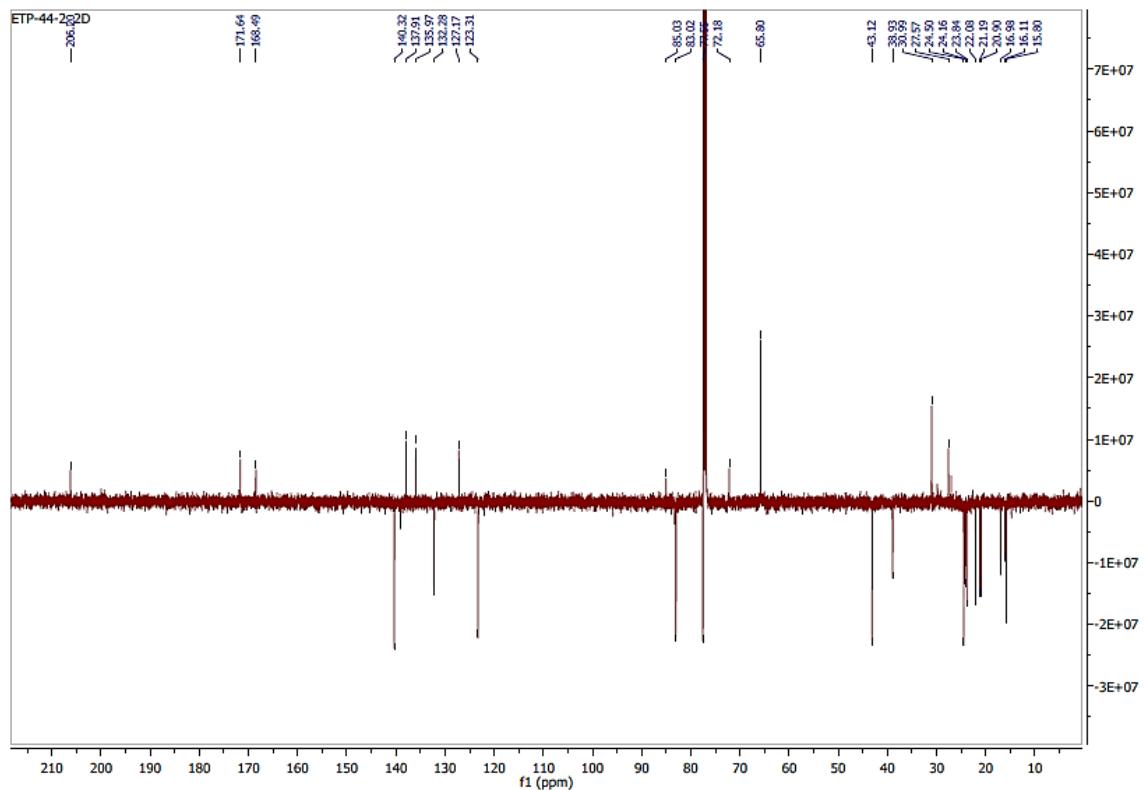
**Figure S11.**  $^1\text{H}$  NMR spectrum of compound 7 (500 MHz, in  $\text{CDCl}_3$ )



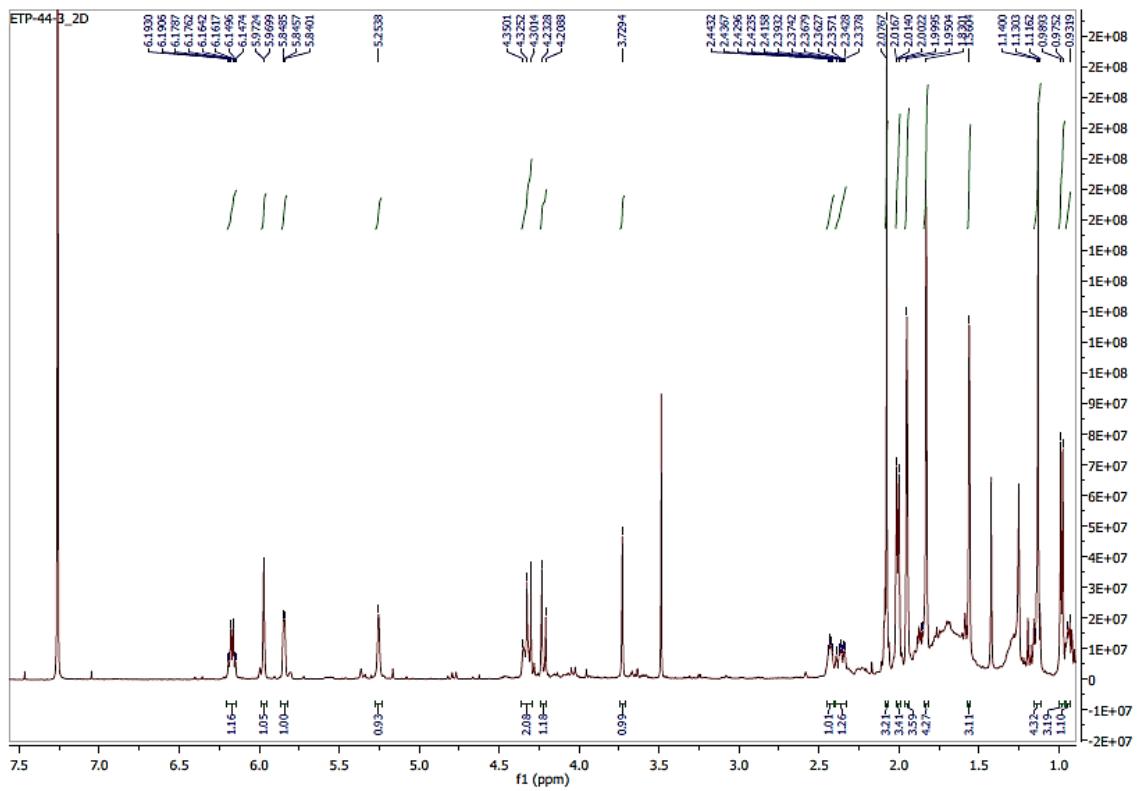
**Figure S12.**  $^{13}\text{C}$  JMOD NMR spectrum of compound 7 (125 MHz, in  $\text{CDCl}_3$ )



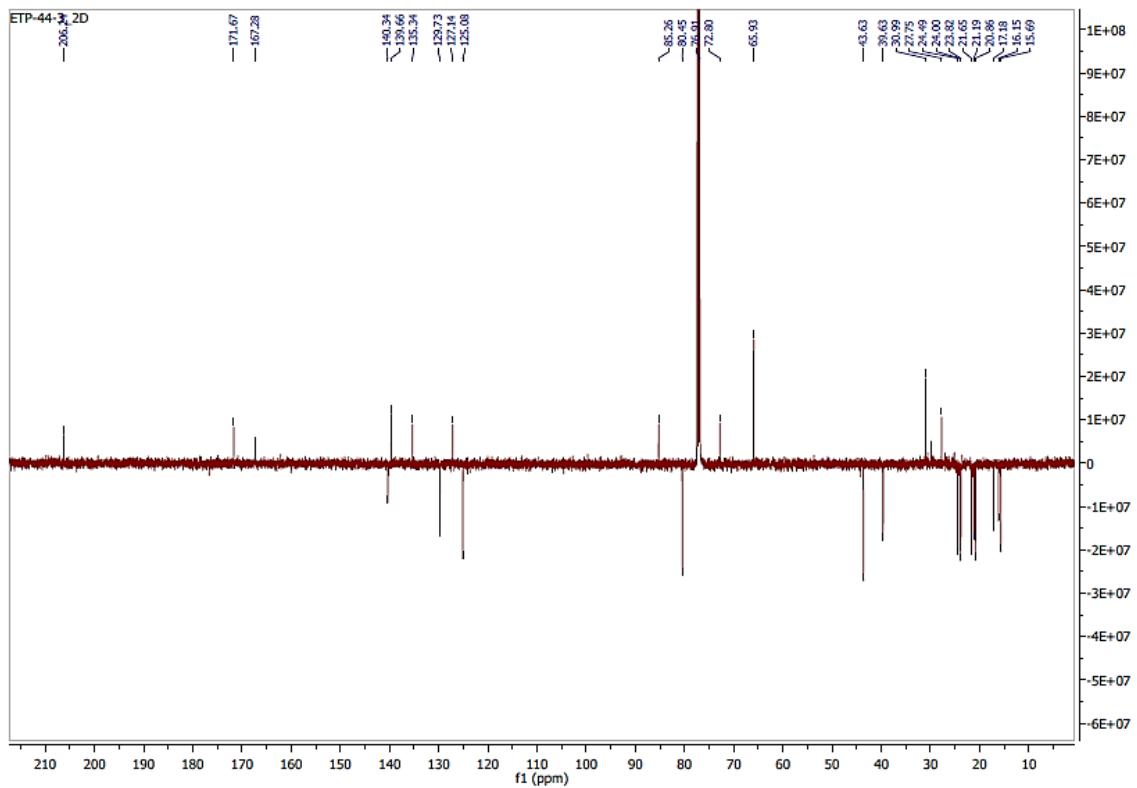
**Figure S13.**  $^1\text{H}$  NMR spectrum of compound 8 (500 MHz, in  $\text{CDCl}_3$ )



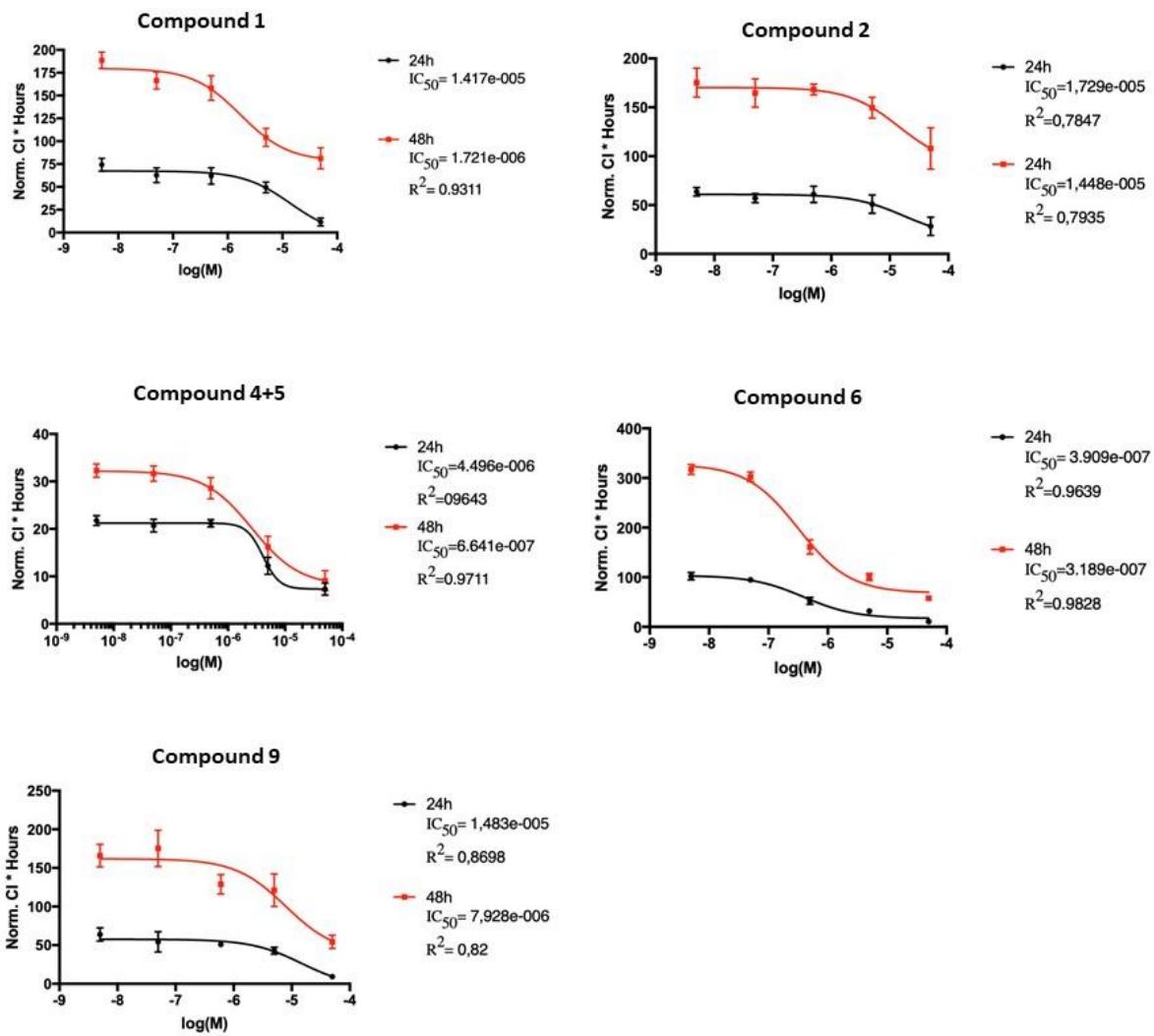
**Figure S14.**  $^{13}\text{C}$  JMOD NMR spectrum of compound 8 (125 MHz, in  $\text{CDCl}_3$ )



**Figure S15.**  $^1\text{H}$  NMR spectrum of compound **9** (500 MHz, in  $\text{CDCl}_3$ )



**Figure S16.**  $^{13}\text{C}$  JMOD NMR spectrum of compound **9** (125 MHz, in  $\text{CDCl}_3$ )



**Figure S17.** RTCA (real-time cell analysis) measurement of CI (cell index) values of HPV-Ker cells treated with compounds **1**, **2**, **4+5**, **6** and **9**. Normalized CI \* hours values were plotted as a function of concentration of the indicated diterpenoid (logM).