Supporting Information

***Rec. Nat. Prod*. X:X (2019) XX-XX**

Inhibition of iNOS Induction and NF-κB Activation by Taste Compounds from the Edible Mushroom *Tricholoma caligatum* (Viv.) Ricken

Ebru Erol[1,2*], Zulfiqar Ali[2], Mehmet Oztürk[1], Shabana Khan[2,3] and Ikhlas A. Khan[2,4]

[1]*Mugla Sitki Kocman University, Faculty of Science, Department of Chemistry, Mugla 48121, Türkiye*

[2]*National Center for Natural Products Research, School of Pharmacy, The University of Mississippi, University, MS 38677, USA*

[3]*Department of Biomolecular Sciences, School of Pharmacy, The University of Mississippi, University, MS 38677, USA*

[4]*Department of Pharmacognosy, School of Pharmacy, The University of Mississippi, University, MS 38677, USA*

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* Corresponding author: E-Mail: e.ebrusimya@gmail.com

Table S1. Gradient method of the semi-preparative HPLC system.

Time	Flow	%MeOH	%H_2O
0.01	3.00	10.0	90.0
10.00	3.00	20.0	80.0
20.00	3.00	30.0	70.0
25.00	3.00	50.0	50.0
35.00	3.00	100.0	0.0
60.00	3.00	100.0	0.0

Compounds **1-3** were purified on a reversed-phase Phenomenex C18 column (Gemini® 5 µm C18 110 Å, LC Column 250 x 21.2 mm, AXIA™ Packed) using a Waters 2795 HPLC system equipped with Photodiode Array detector. The column was eluted using a linear gradient mode with two different solvent: (A) MeOH, (B) H_2O, at a flow rate of 3.0 mL/min. The initial percent of solvent A was 20%. The percent of solvent A was constant for the initial 2 min, increased to 20% at 0–10 min, increased to 30% at 10–20 min, increased to 50% at 20–25 min, increased to 100% at 25–35 min, and remained constant at 100% at 35–60 min (Table S1). The elution was monitored using a wavelength of 354, 254 and 210 nm.

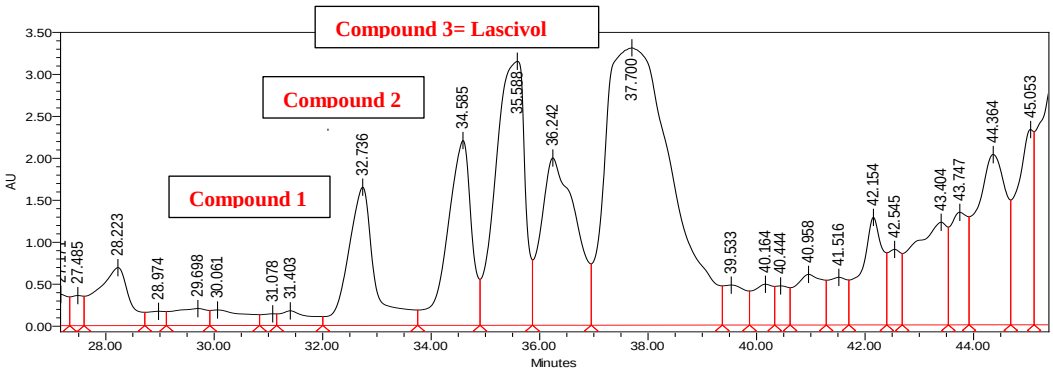

Figure S1: HPLC chromatogram of compounds **1-3**.

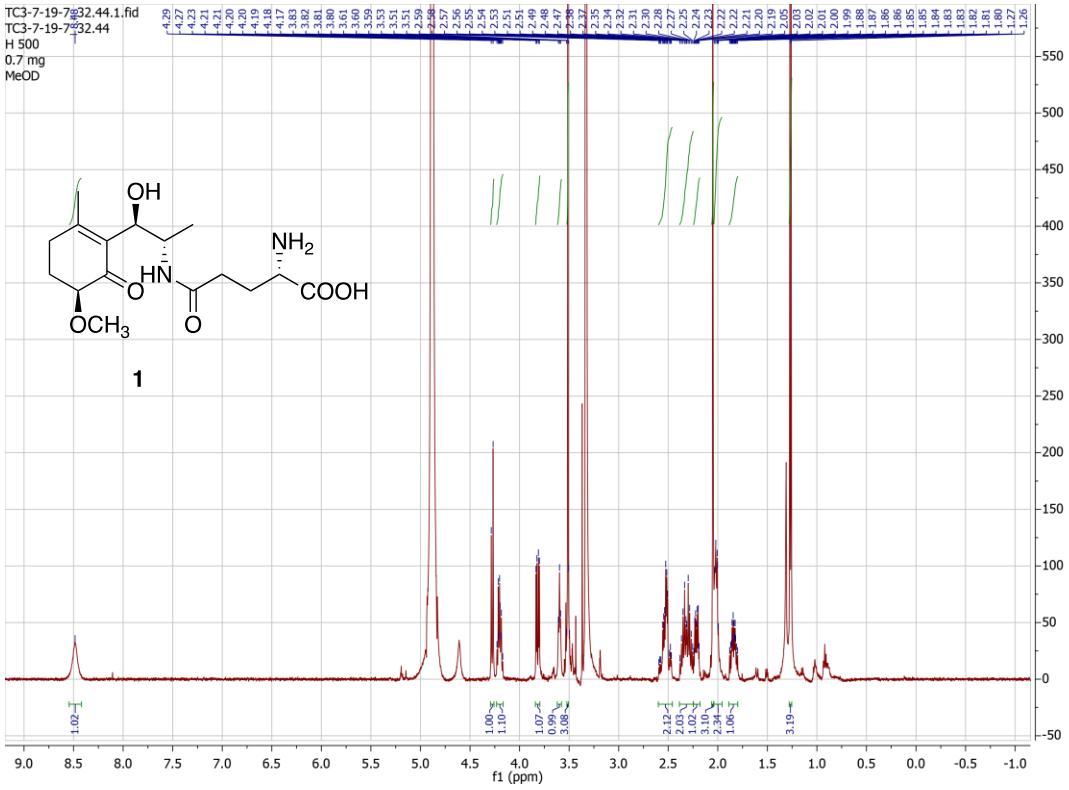

Figure S2: ^{1}H NMR (500 MHz, CD_3OD) spectrum of **1**.

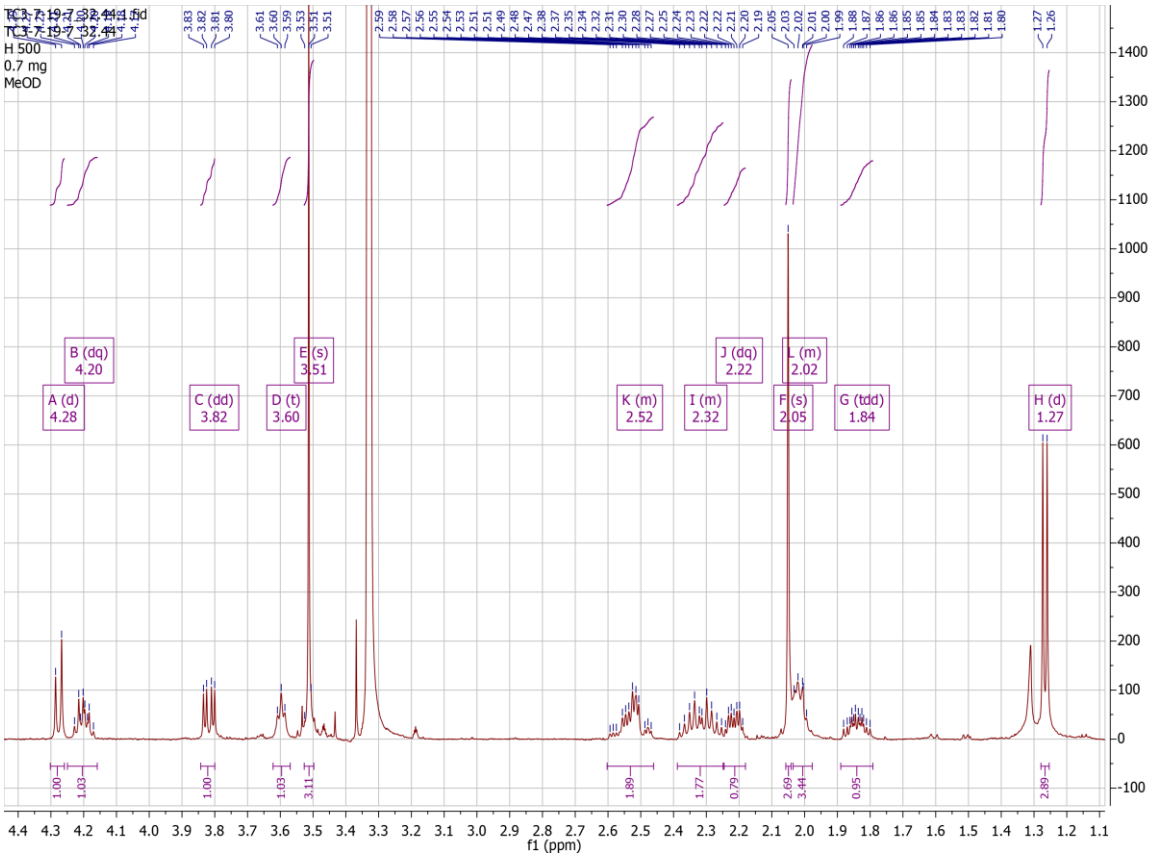

Figure S3: ^{1}H NMR (500 MHz, CD_3OD) spectrum of **1** expanded from 1.1 to 4.4 ppm

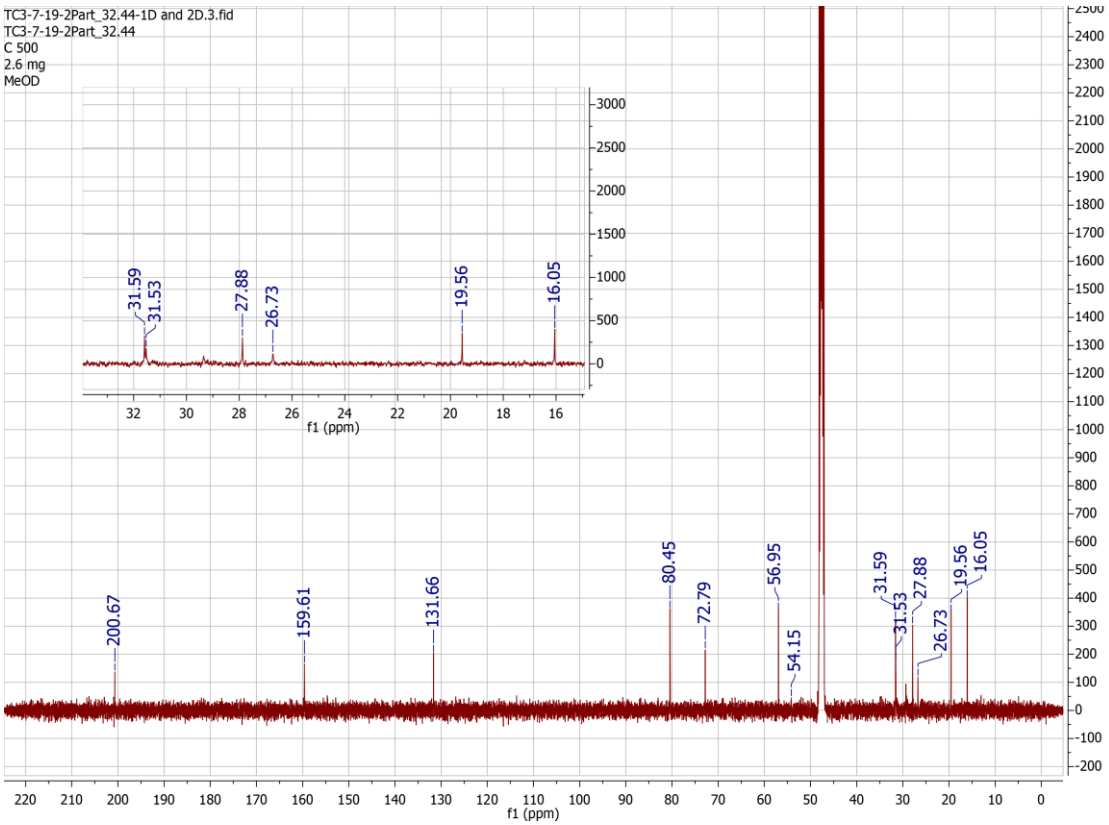

Figure S4: ^{13}C NMR (500 MHz, CD_3OD) spectrum of **1**.

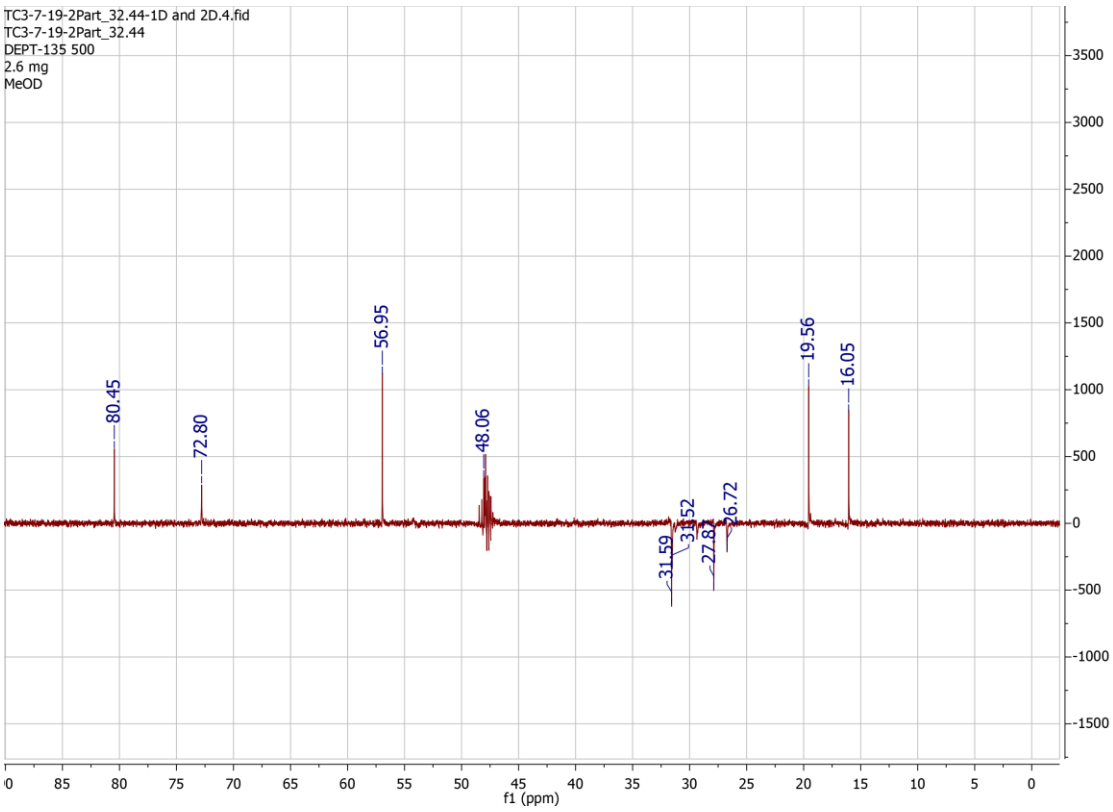

Figure S5: DEPT 135 spectrum of **1**.

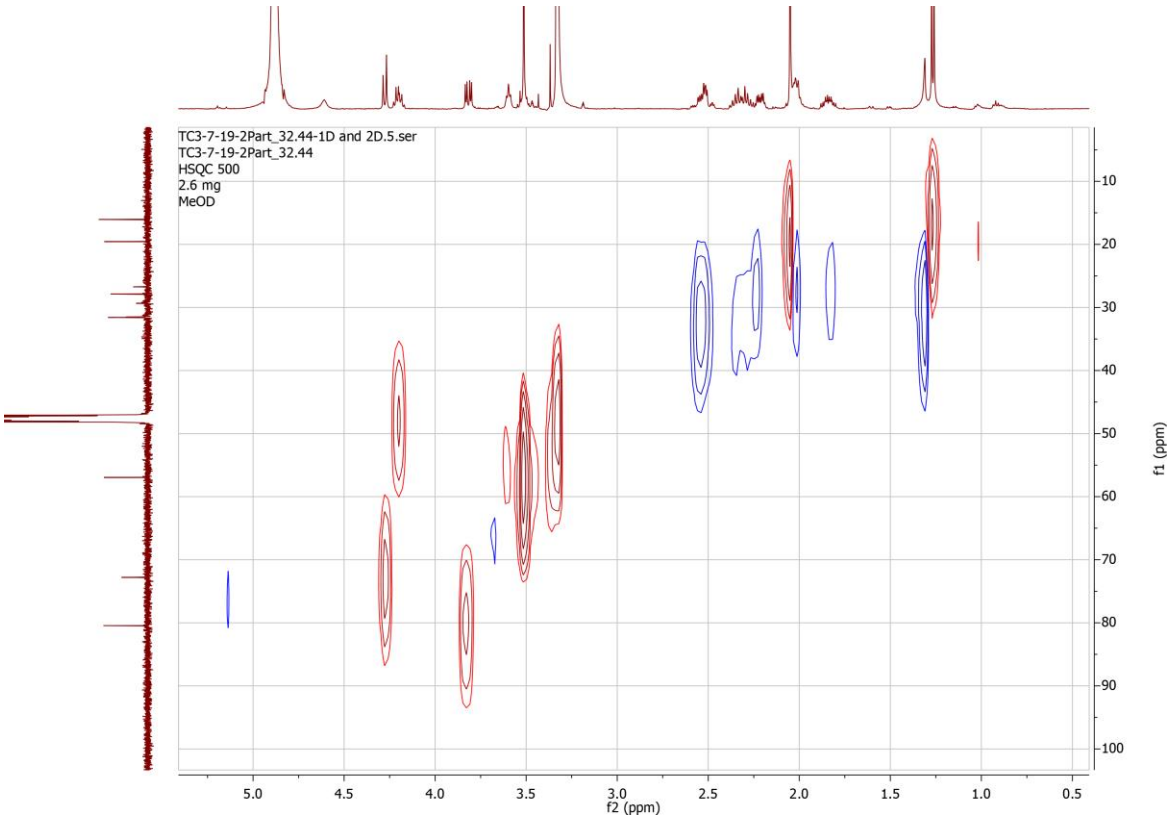

Figure S6: HSQC spectrum of **1**.

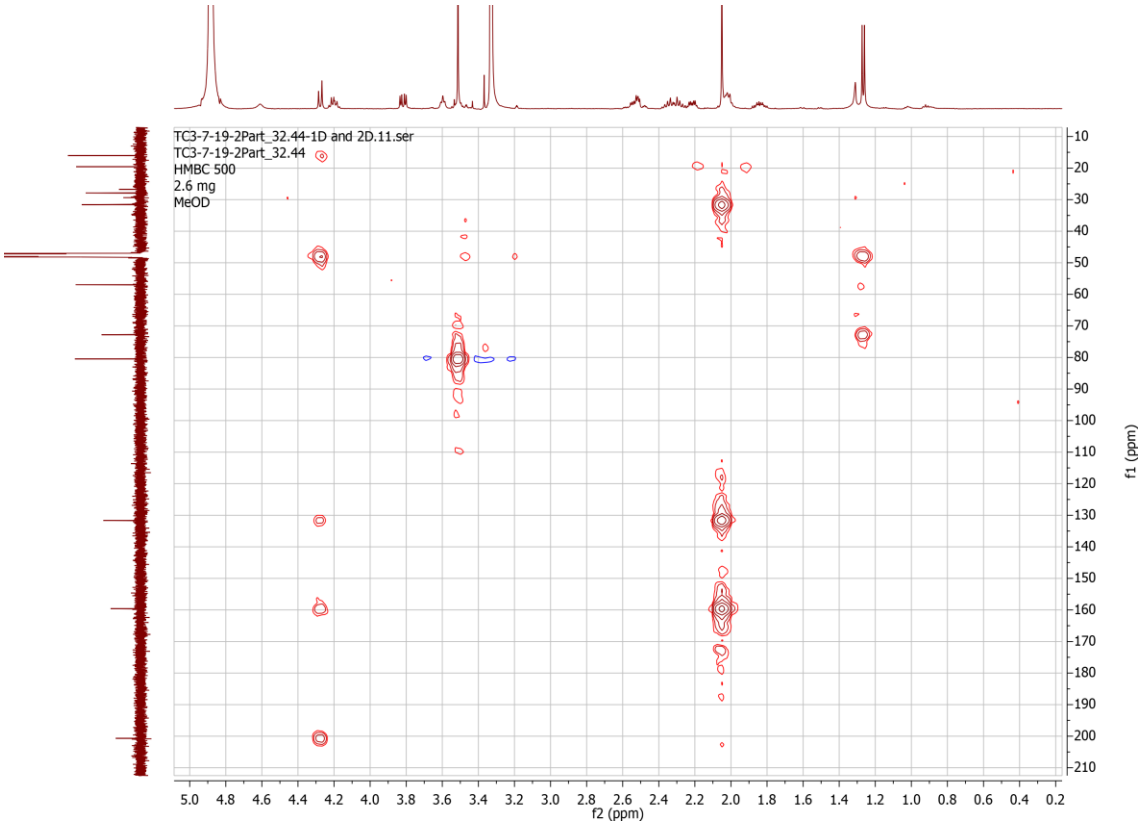

Figure S7: HMBC spectrum of **1**.

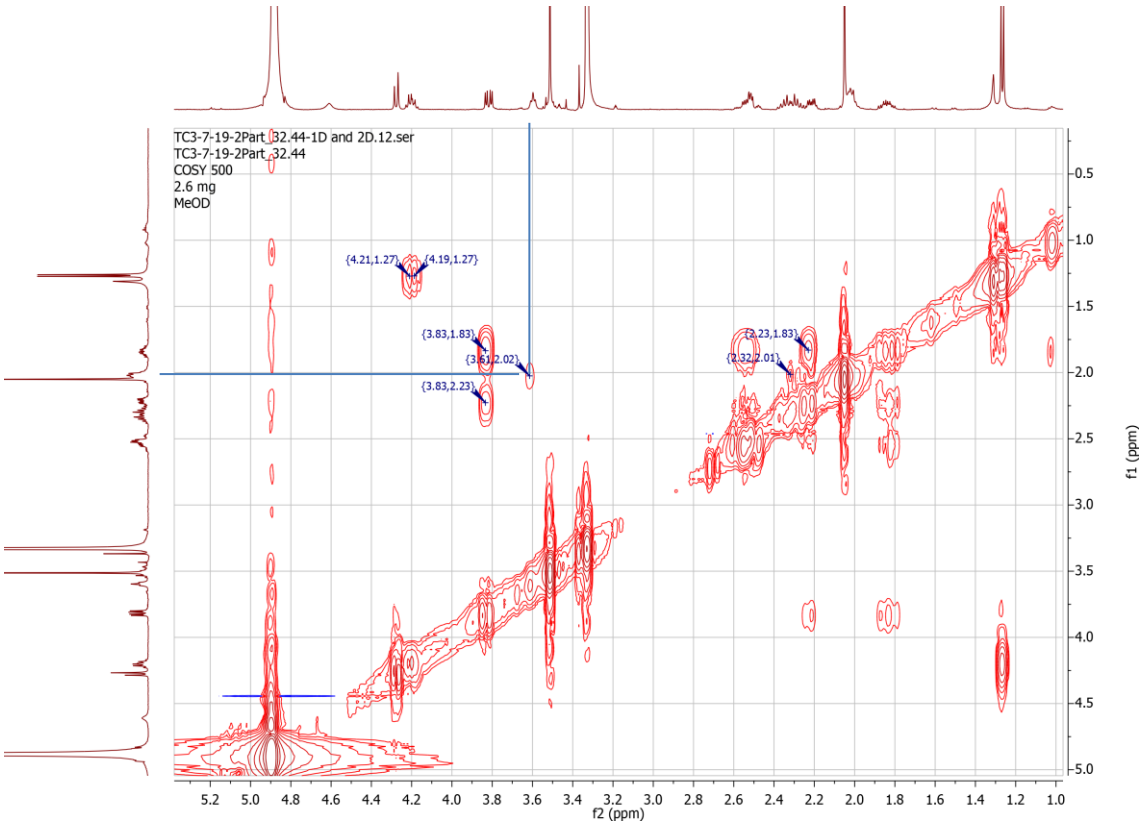

Figure S8: COSY spectrum of **1**.

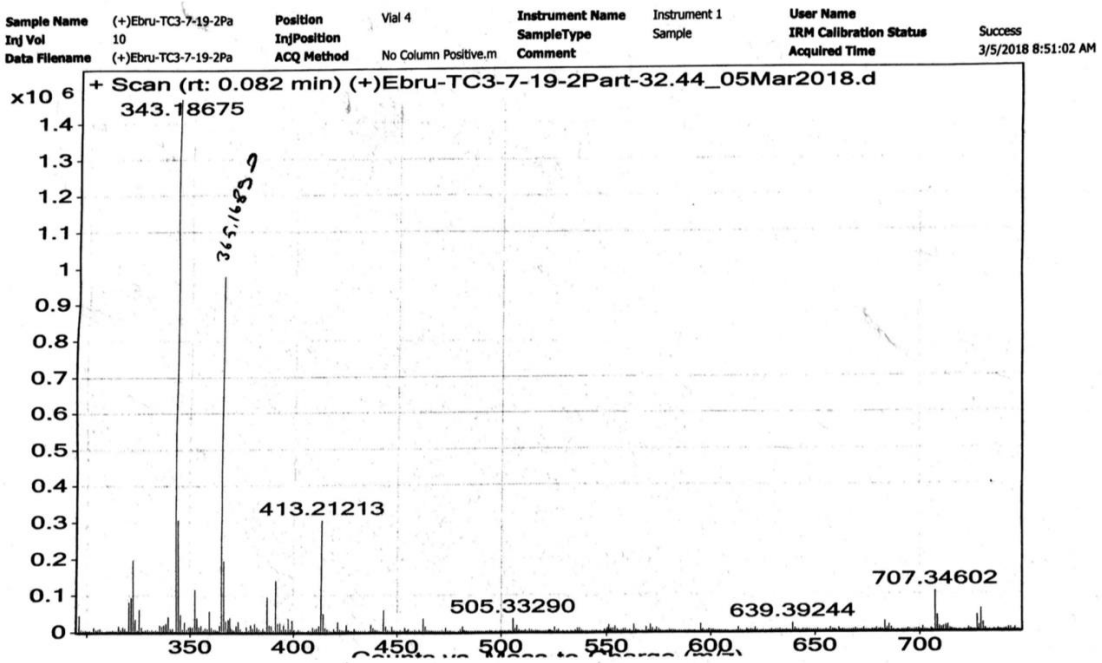

Figure S9: Mass spectrum of **1**.

Agilent Technologies

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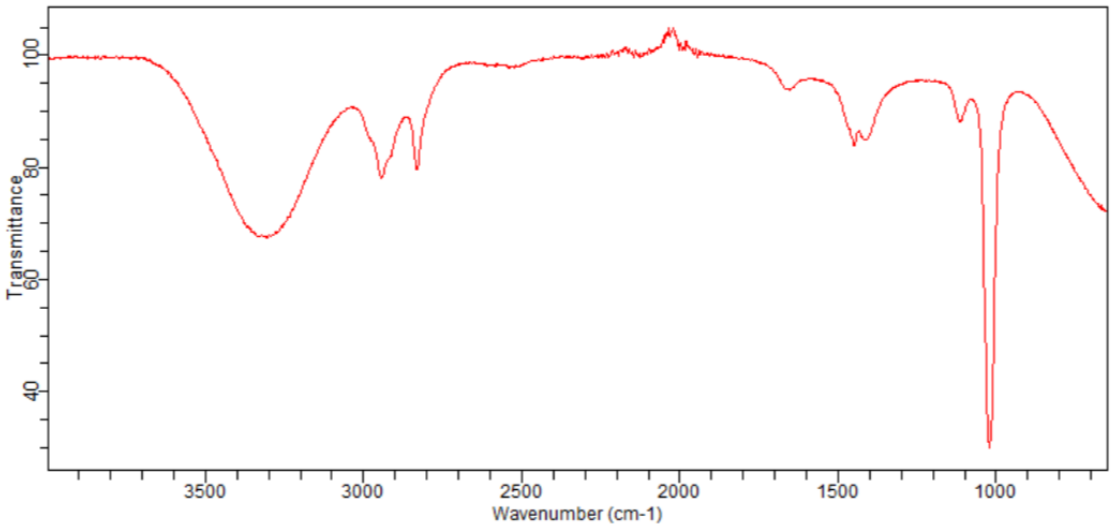

Figure S10: IR spectrum of **1**.

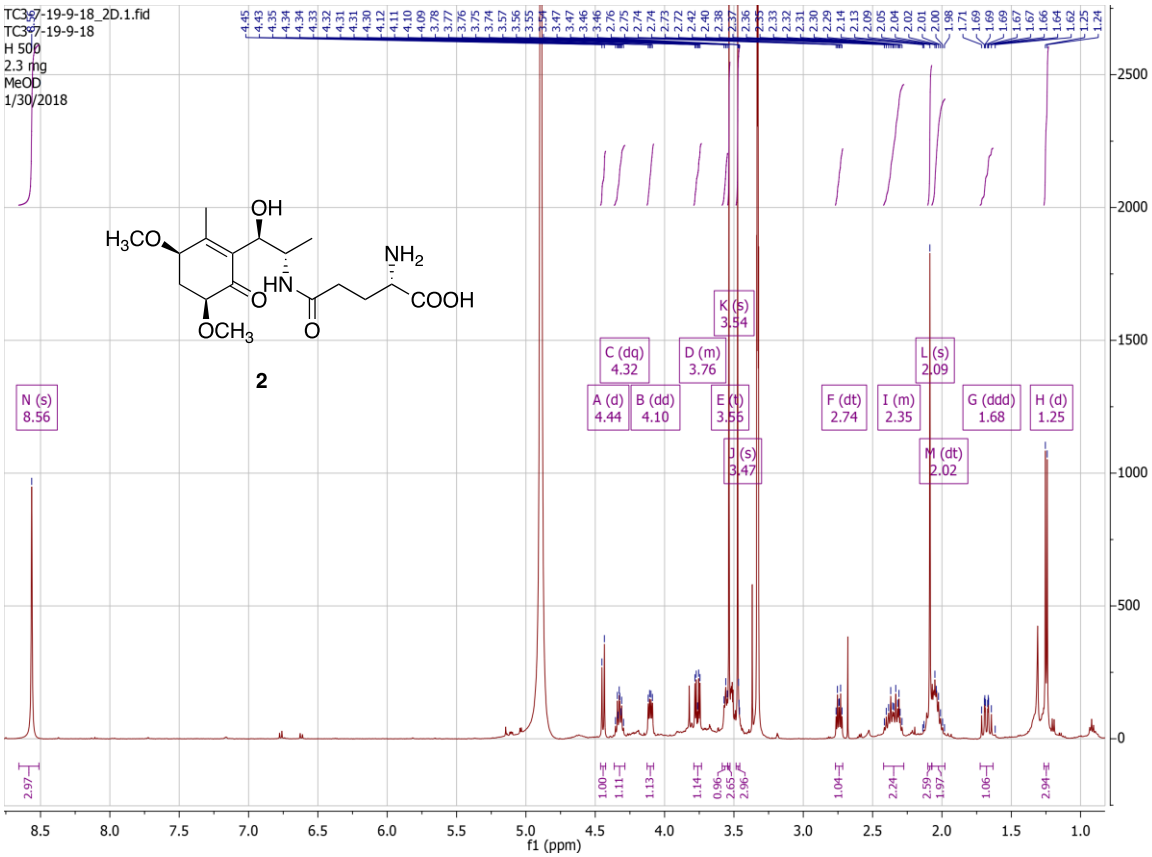

Figure S11: ^{1}H NMR (500 MHz, CD_3OD) spectrum of **2**.

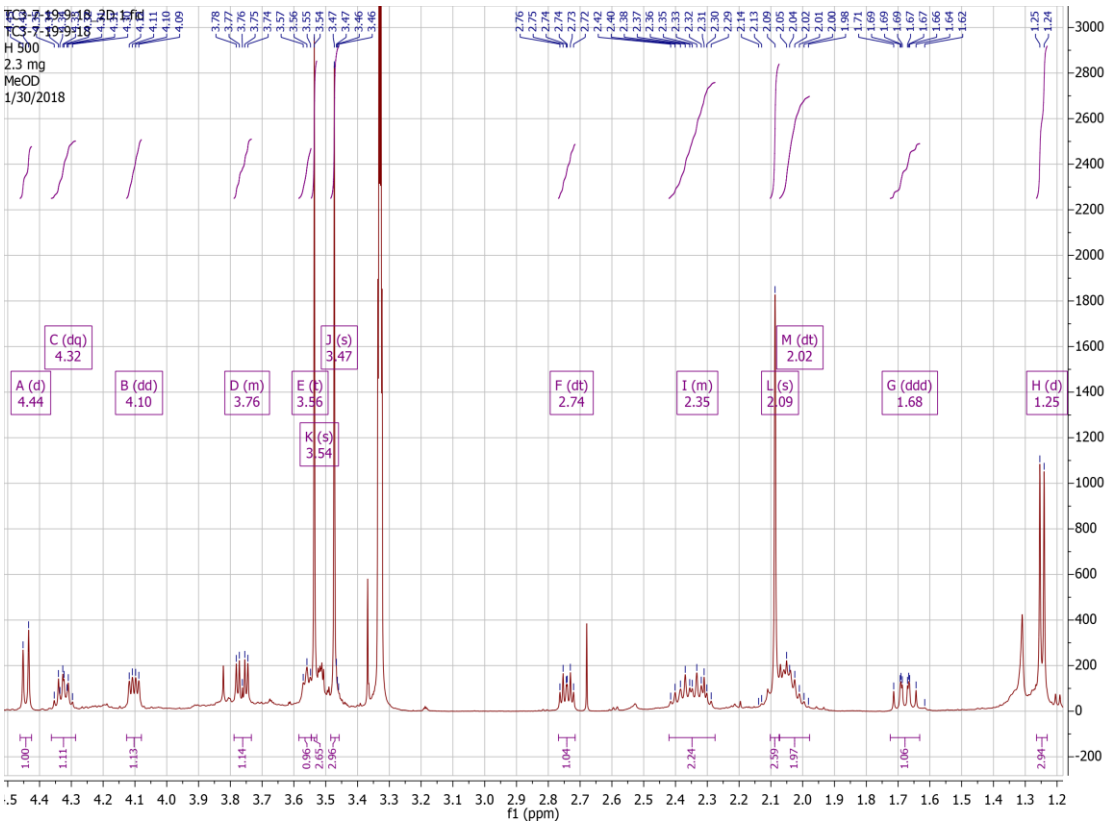

Figure S12: ^{1}H NMR (500 MHz, CD_3OD) spectrum of **2** expanded from 1.2 to 4.5 ppm.

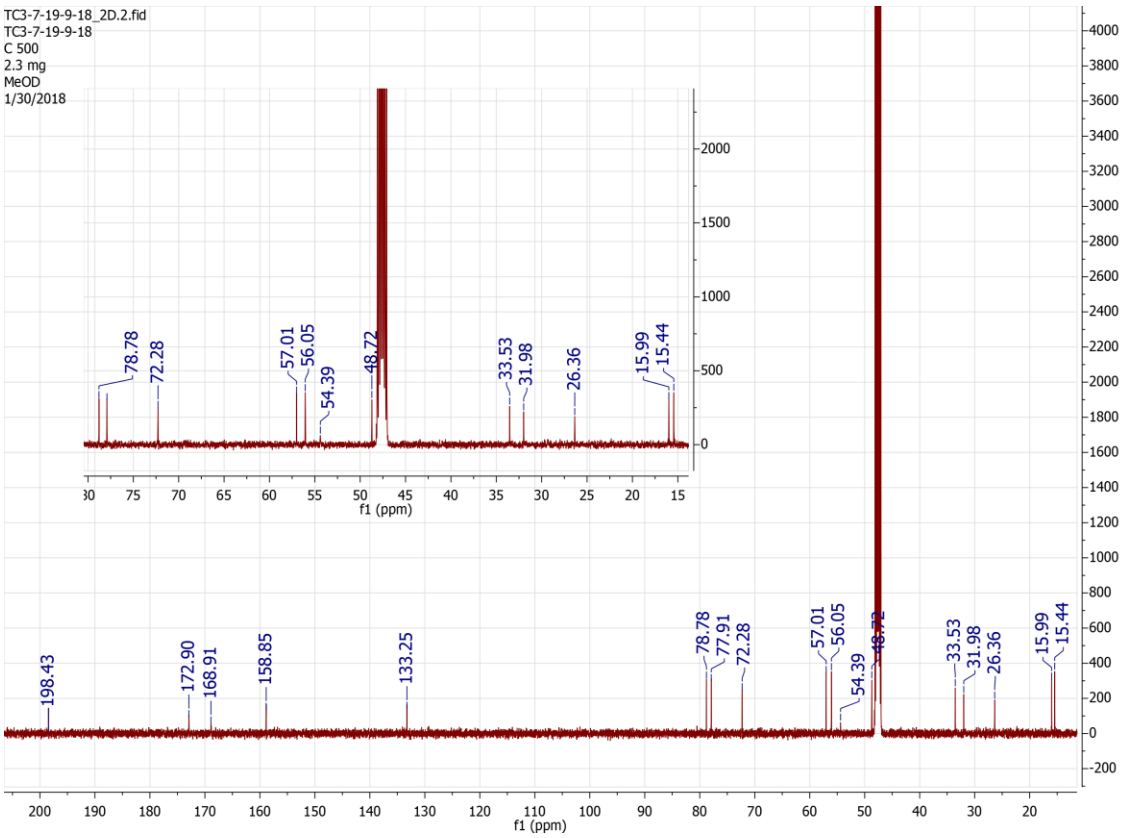

Figure S13: ^{13}C NMR (500 MHz, CD_3OD) spectrum of **2**.

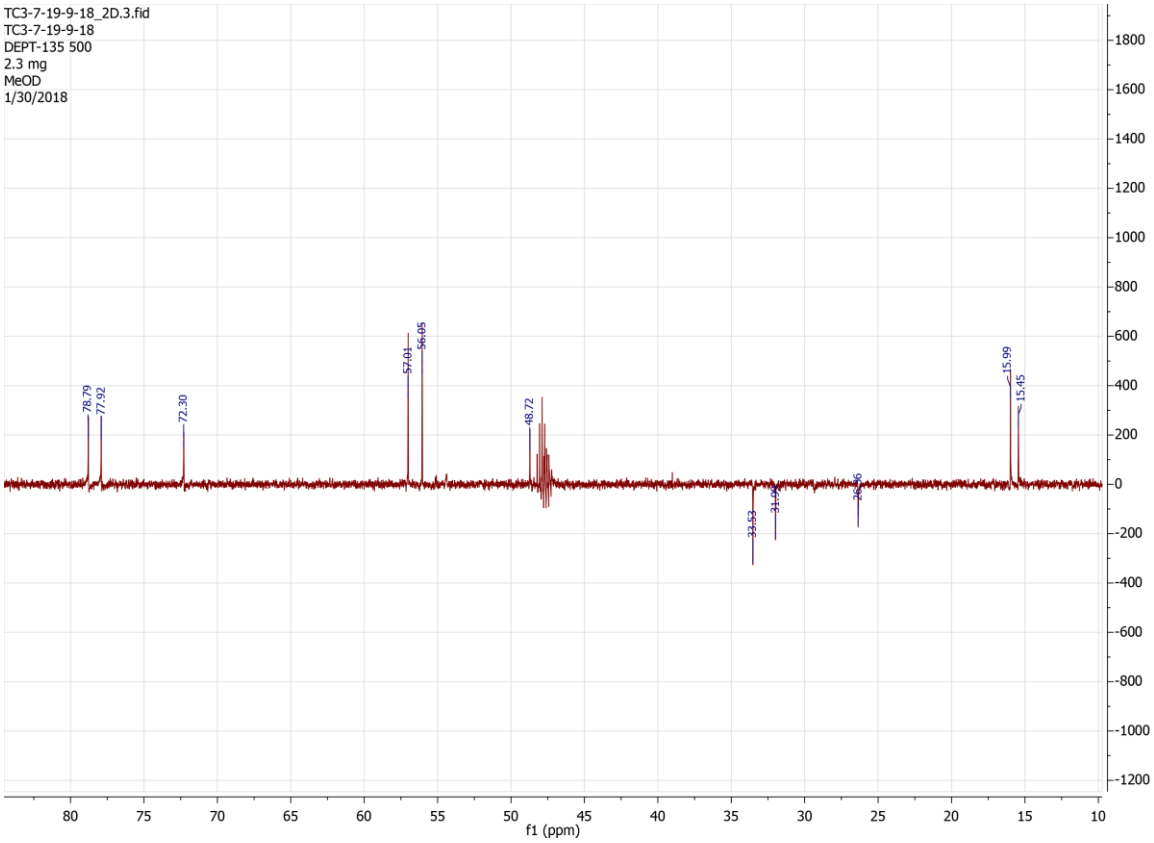

Figure S14: DEPT 135 spectrum of **2**.

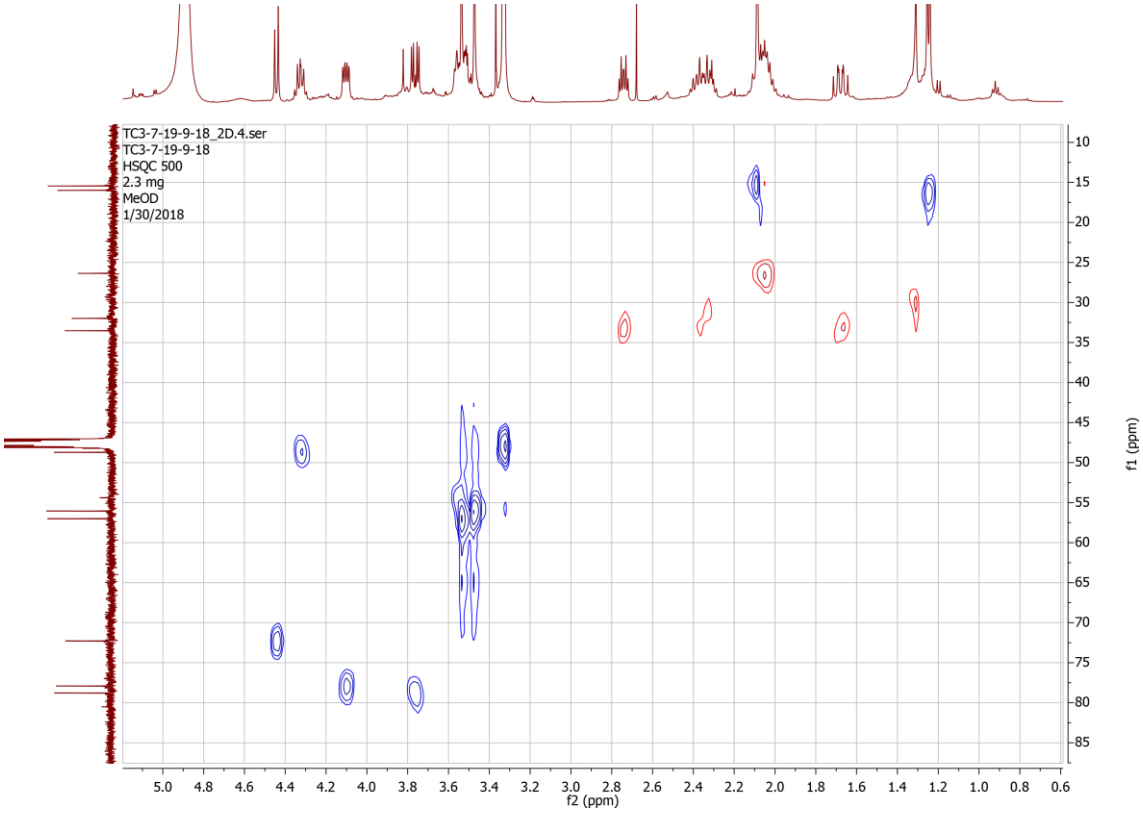

Figure S15: HSQC spectrum of **2**.

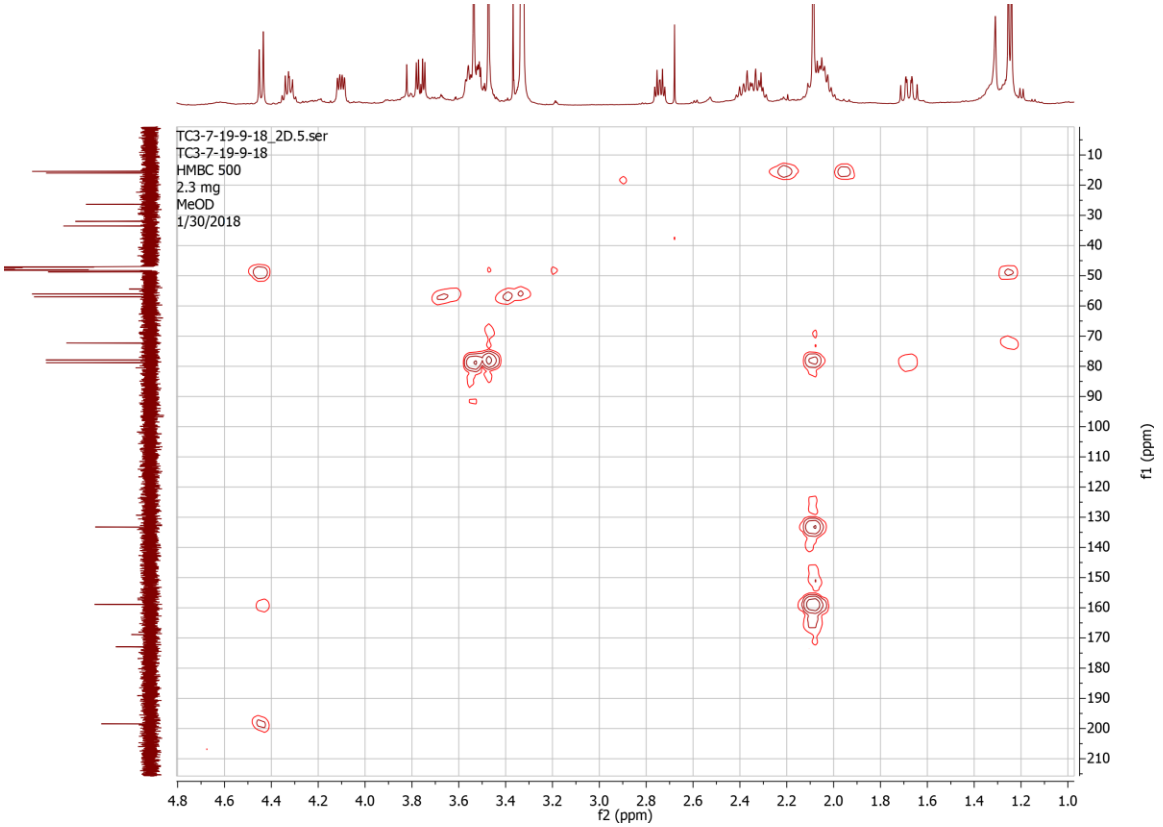

Figure S16: HMBC spectrum of **2**.

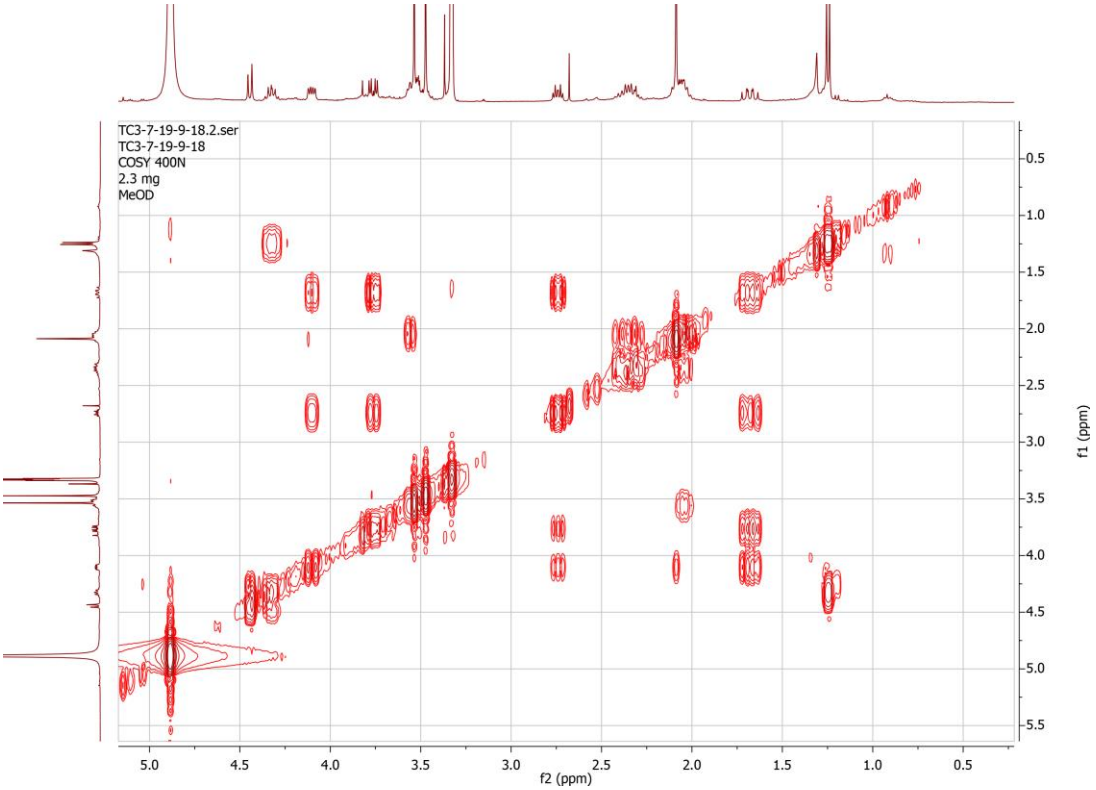

Figure S17: COSY spectrum of **2**.

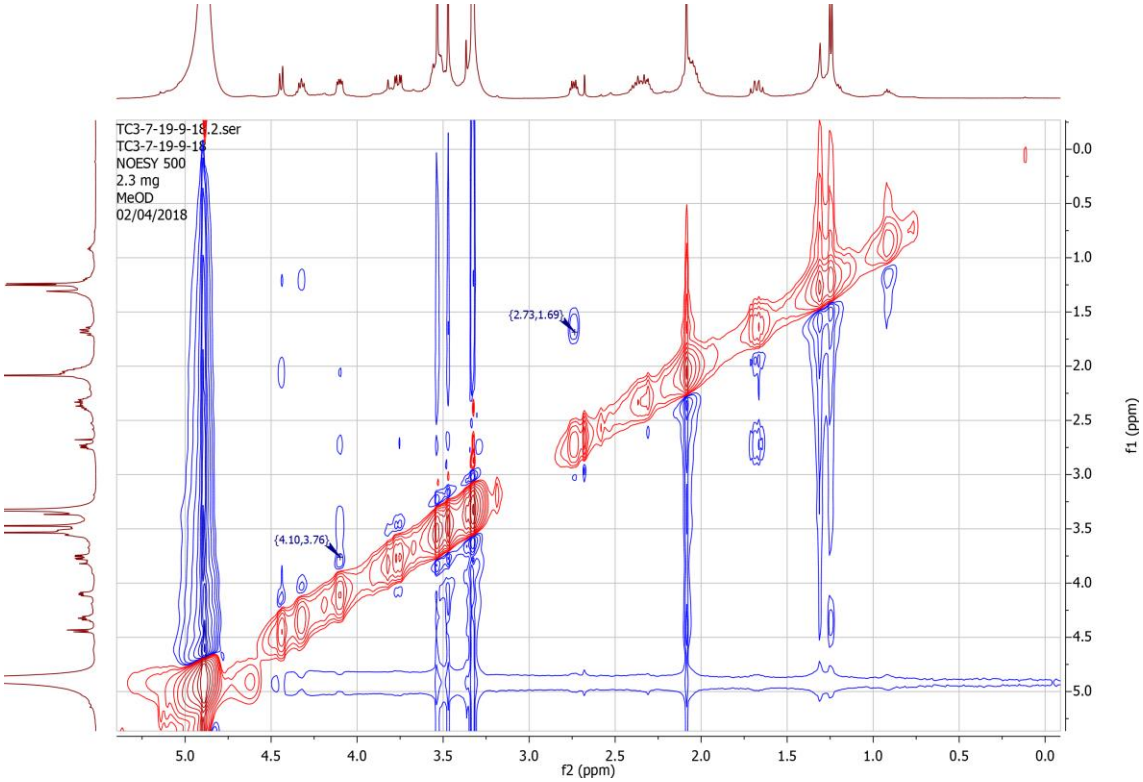

Figure S18: NOESY spectrum of **2.**

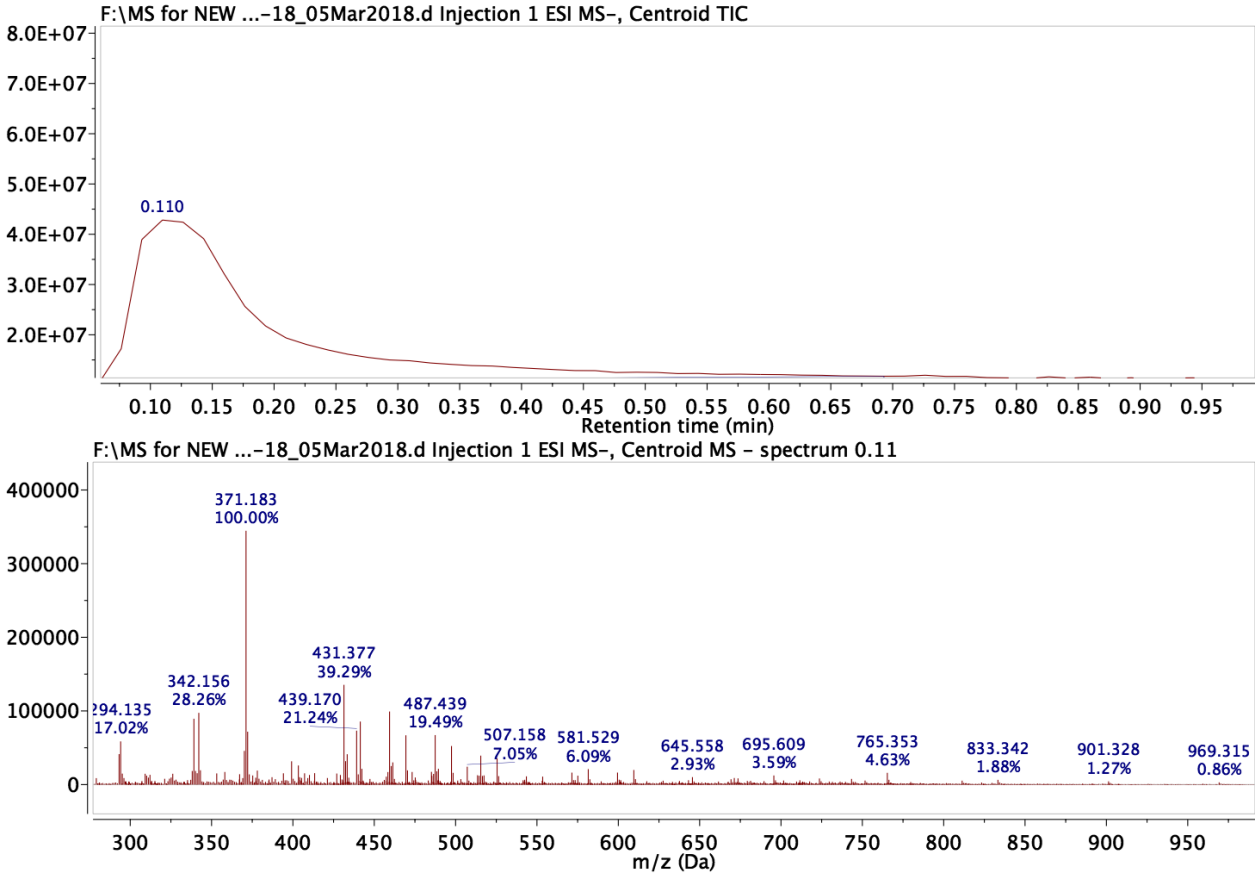

Figure S19: Mass spectrum of **2.**

Agilent Technologies

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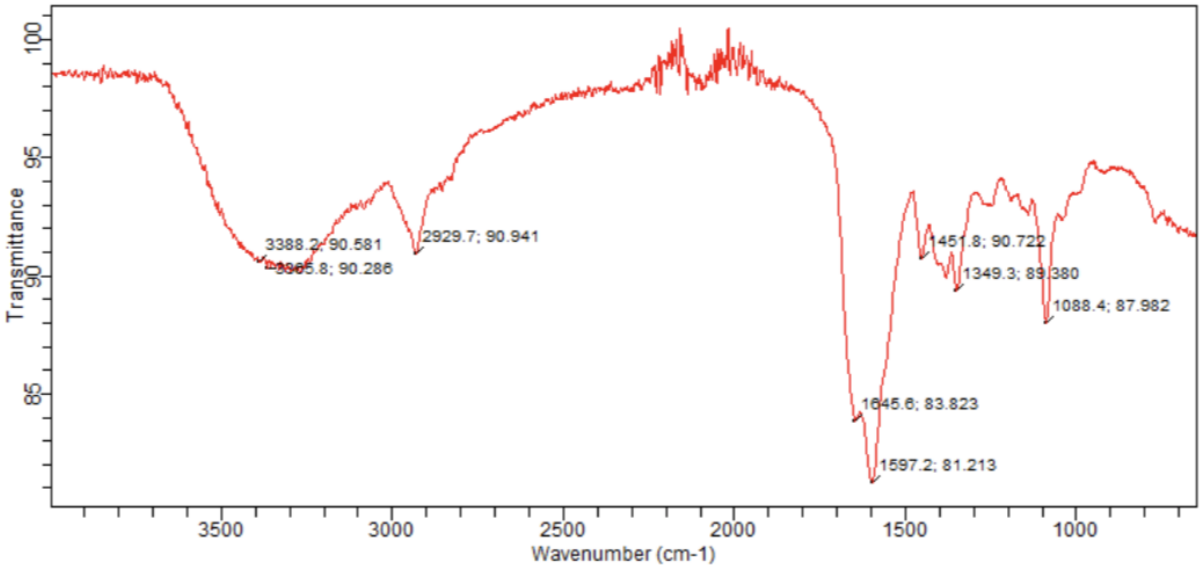

Figure S20: IR spectrum of **2**.

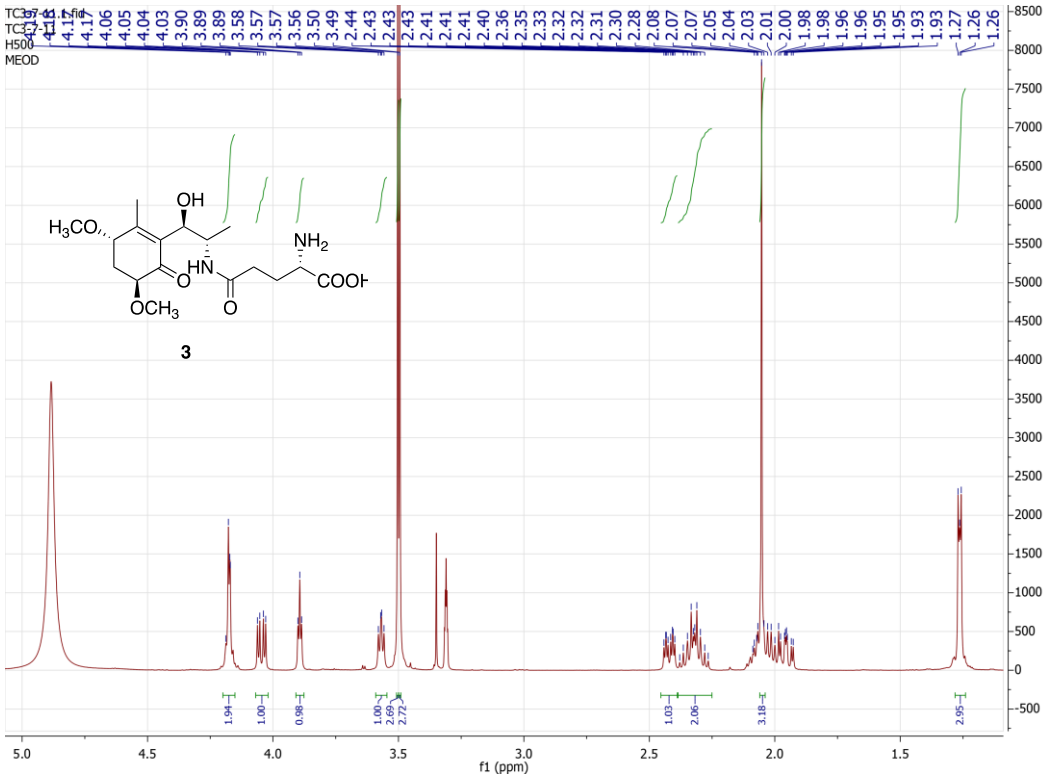

Figure S21: ^{1}H NMR (500 MHz, CD_3OD) spectrum of **3**.

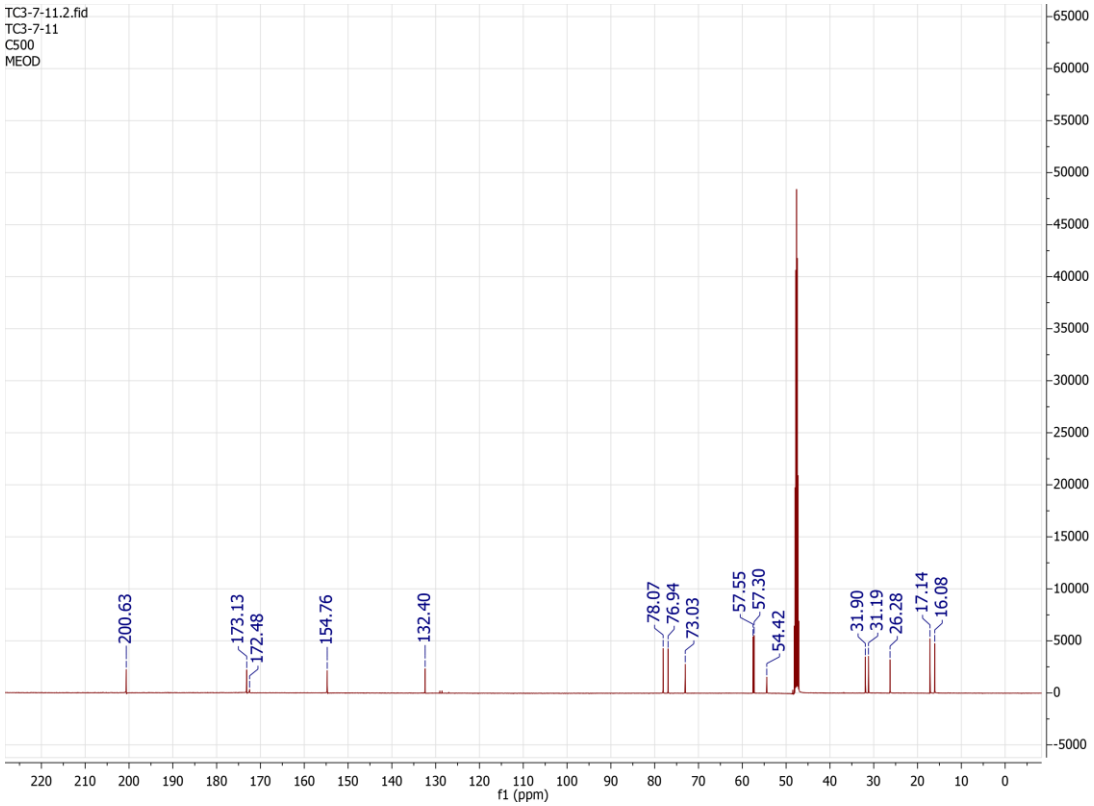

Figure S22: ^{13}C NMR (500 MHz, CD_3OD) spectrum of **3**.

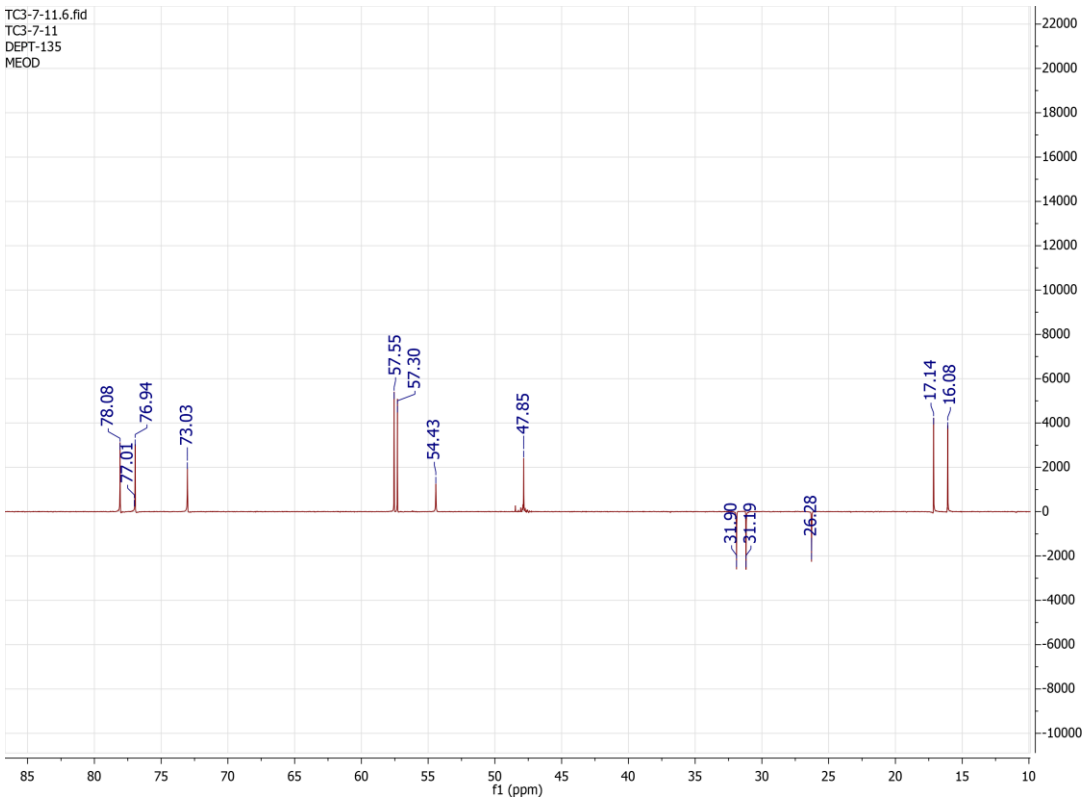

Figure S23: DEPT 135 spectrum of **3**.

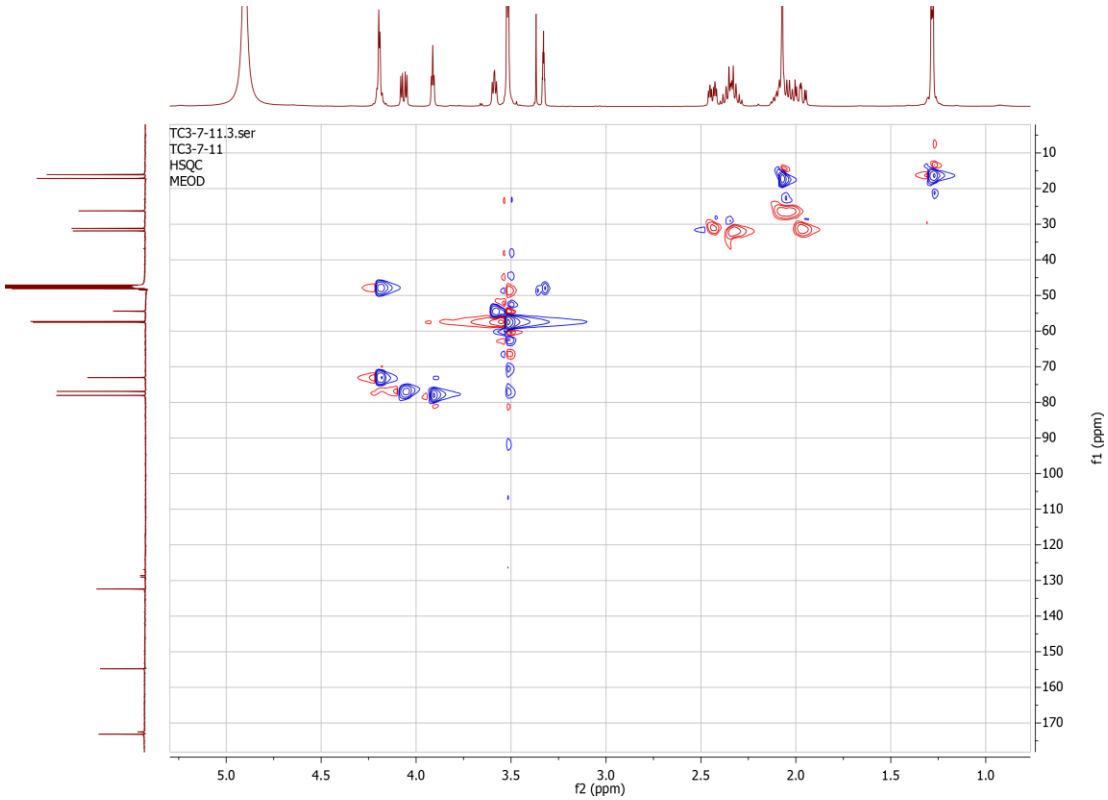

Figure 24: HSQC spectrum of **3**.

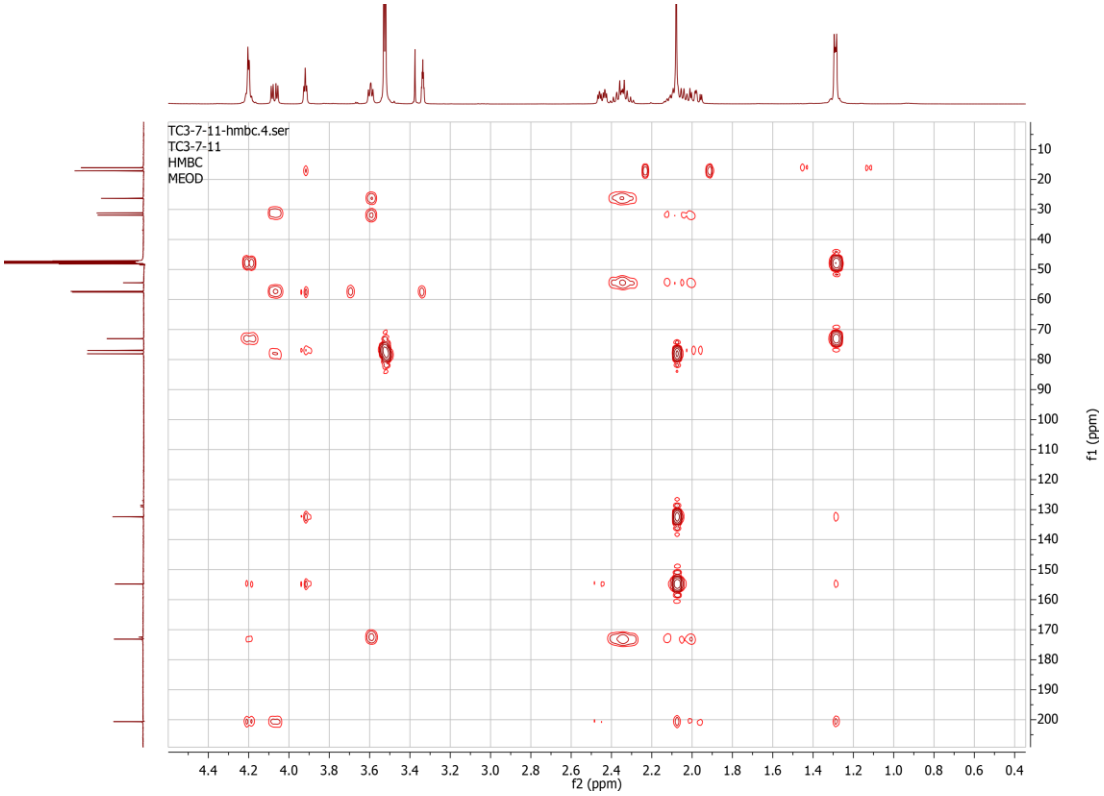

Figure S25: HMBC spectrum of **3**.

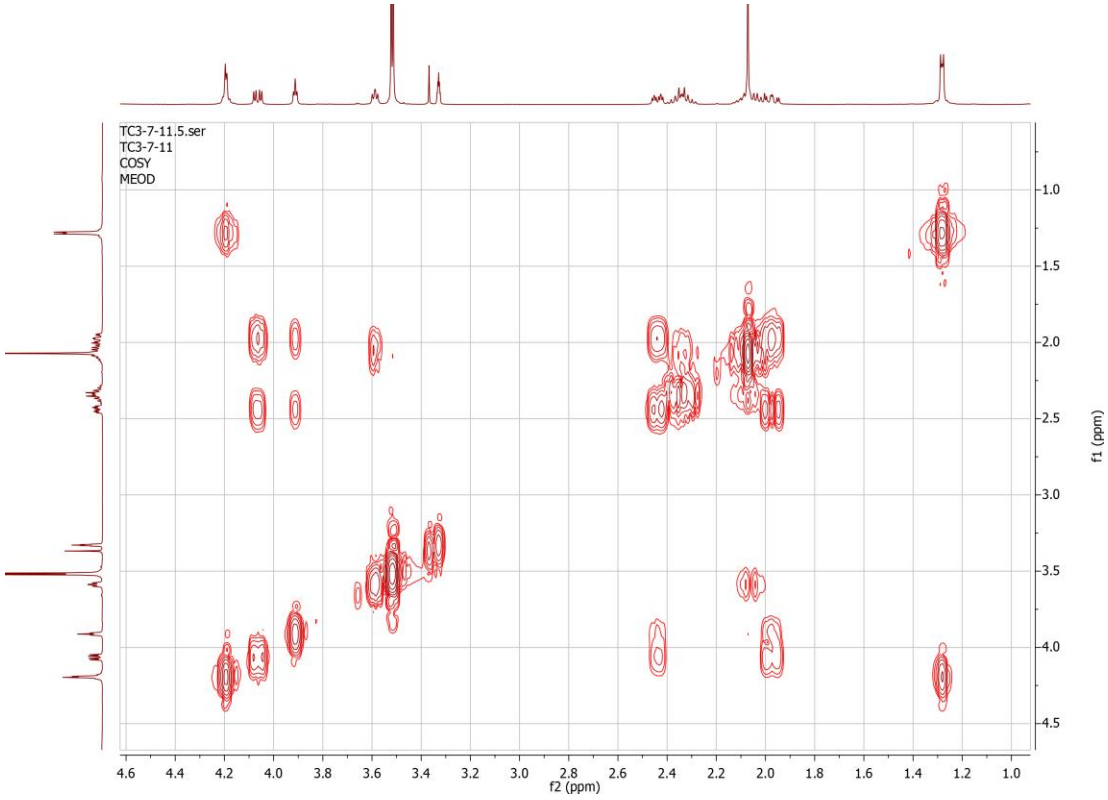

Figure S26: COSY spectrum of **3**.

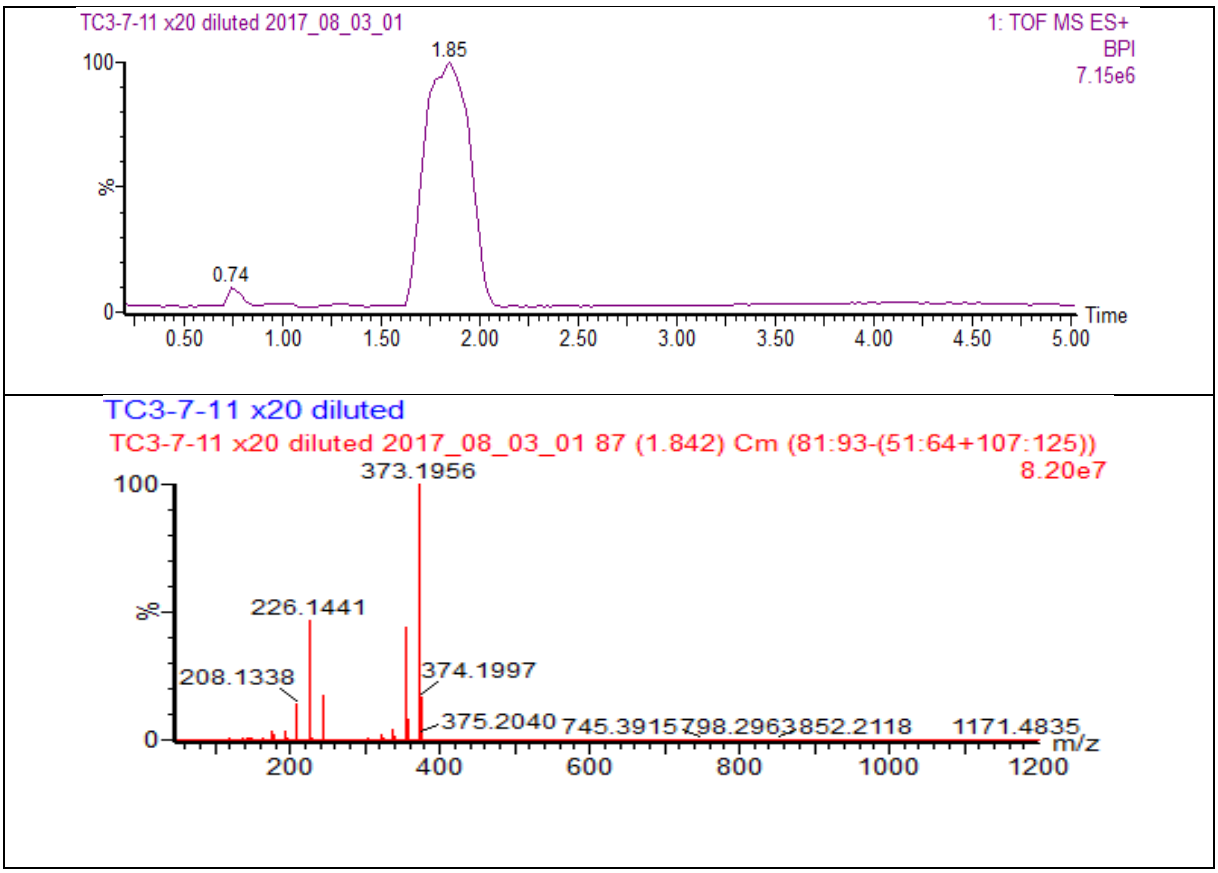

Figure S27: Mass spectrum of **3**.

Agilent Technologies

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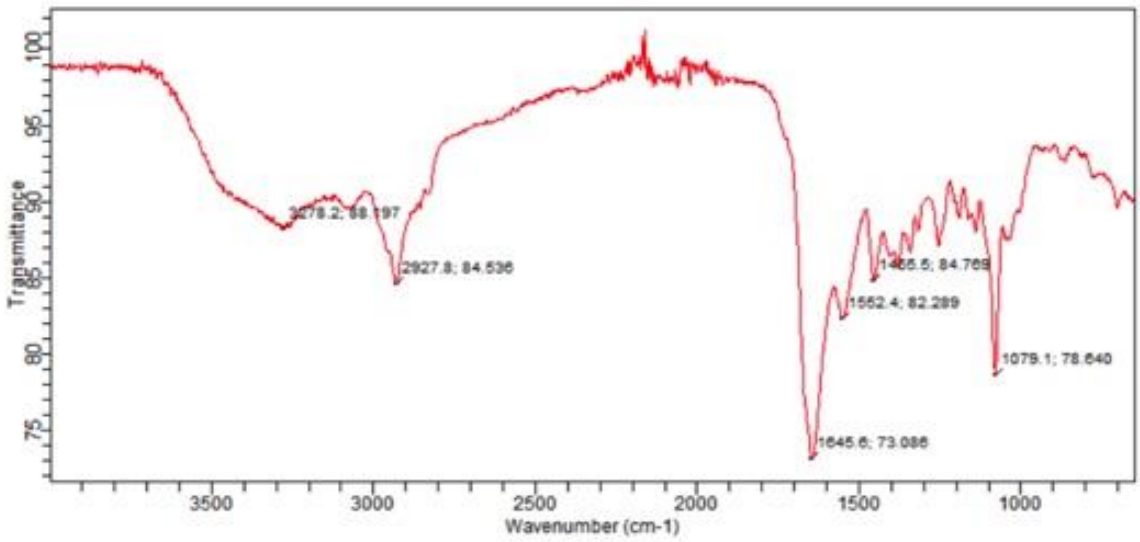

Figure S28: IR spectrum of **3**.