

Supporting Information

Rec. Nat. Prod. 11:1 (2017) 1-8

Bioactive Dammarane Triterpenoids from the Bark of *Drypetes acuminata* from Paluma, North Queensland, Australia

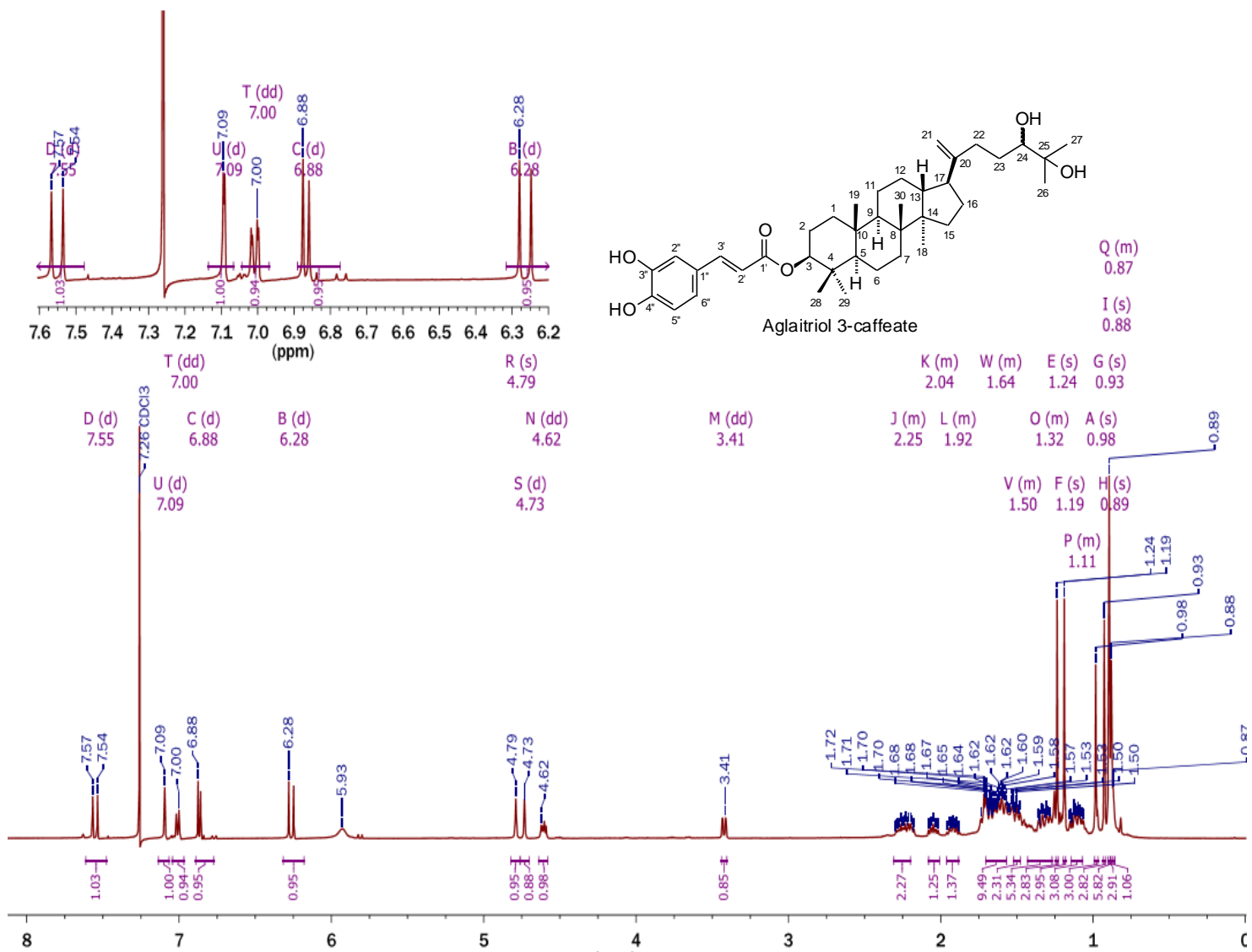
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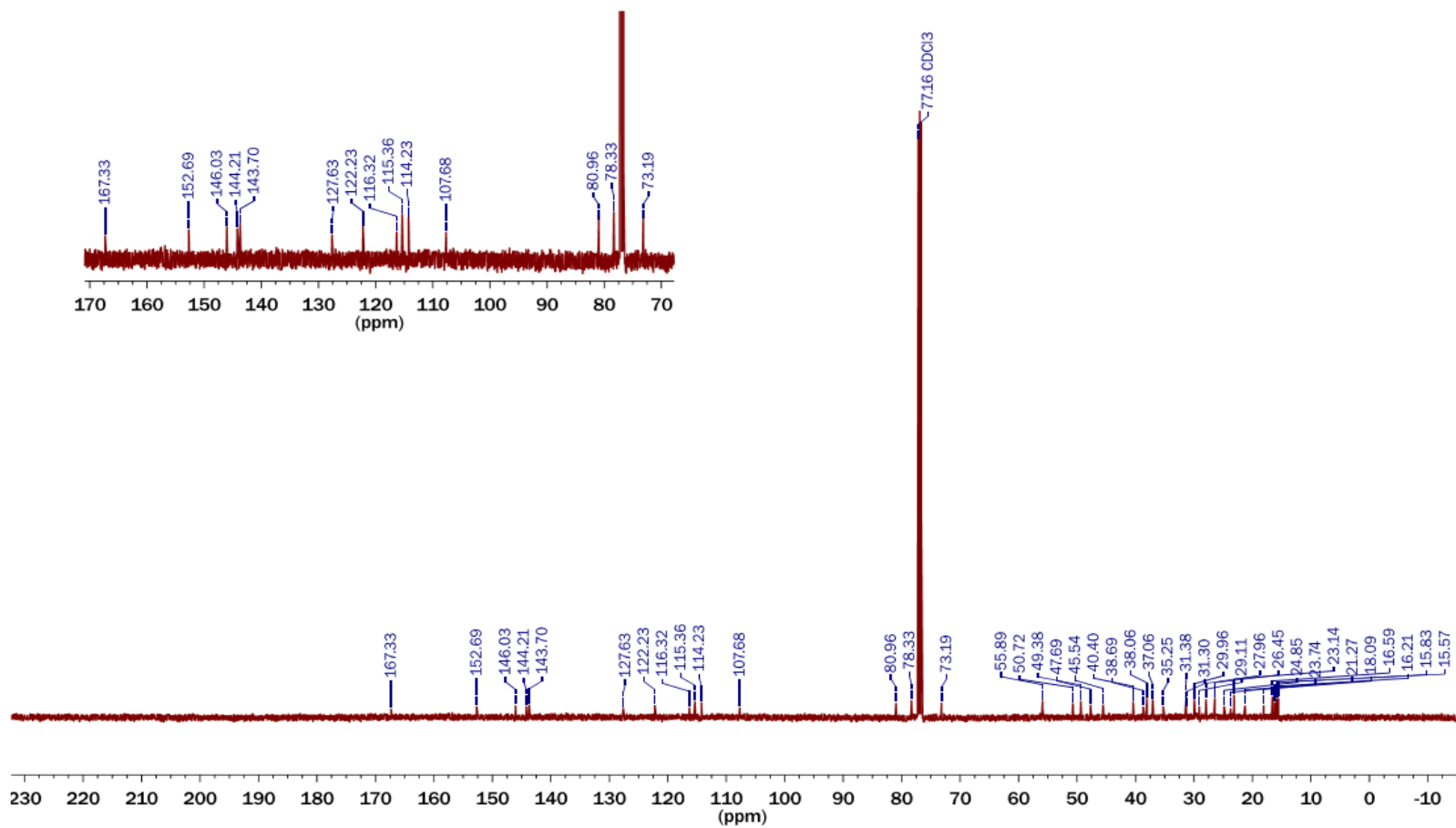
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Aglatriol 3-caffeate: Colorless crystals. ¹H-NMR (CDCl₃, 500 MHz), δ 7.55 (d, *J* = 15.9 Hz, 1H), 7.09 (d, *J* = 1.9 Hz, 1H), 7.00 (dd, *J* = 1.85, 8.30 Hz, 1H), 6.88 (d, *J* = 8.2 Hz, 1H), 6.28 (d, *J* = 15.9 Hz, 1H), 4.79 (s, 1H), 4.73 (d, *J* = 1.05 Hz, 1H), 4.62 (dd, *J* = 5.57, 10.57 Hz, 1H), 3.41 (dd, *J* = 1.72, 10.47 Hz, 1H), 2.18- 2.29 (m, 1H), 1.99- 2.08 (m, 1H), 1.91- 1.96 (m, 1H), 1.74 – 1.48 (m, 11H), 1.45 – 1.28 (m, 5H), 1.24 (s, 3H), 1.19 (s, 3H), 1.16 – 1.06 (m, 3H), 0.98 (s, 3H), 0.93 (s, 3H), 0.89 (s, 6H), 0.88 (s, 3H), 0.87 (m, 1H). ¹³C-NMR (CDCl₃, 125 MHz), δ 15.57, 15.83, 16.21, 16.59, 18.09, 21.27, 23.14, 23.74, 24.85, 26.45, 27.96, 29.11, 29.96, 31.30, 31.38, 35.25, 37.06, 38.06, 38.69, 40.40, 45.54, 47.69, 49.38, 50.72, 55.89, 73.19, 77.16, 78.33, 80.93, 107.68, 114.23, 115.36, 116.32, 122.23, 127.63, 143.70, 144.21, 146.03, 152.69, 167.33. HRMS/ESI, *m/z*: obsd [M+Na]⁺ 645.4069, calcd [M+Na]⁺ 645.4126 for formula C₃₉H₅₈O₆.

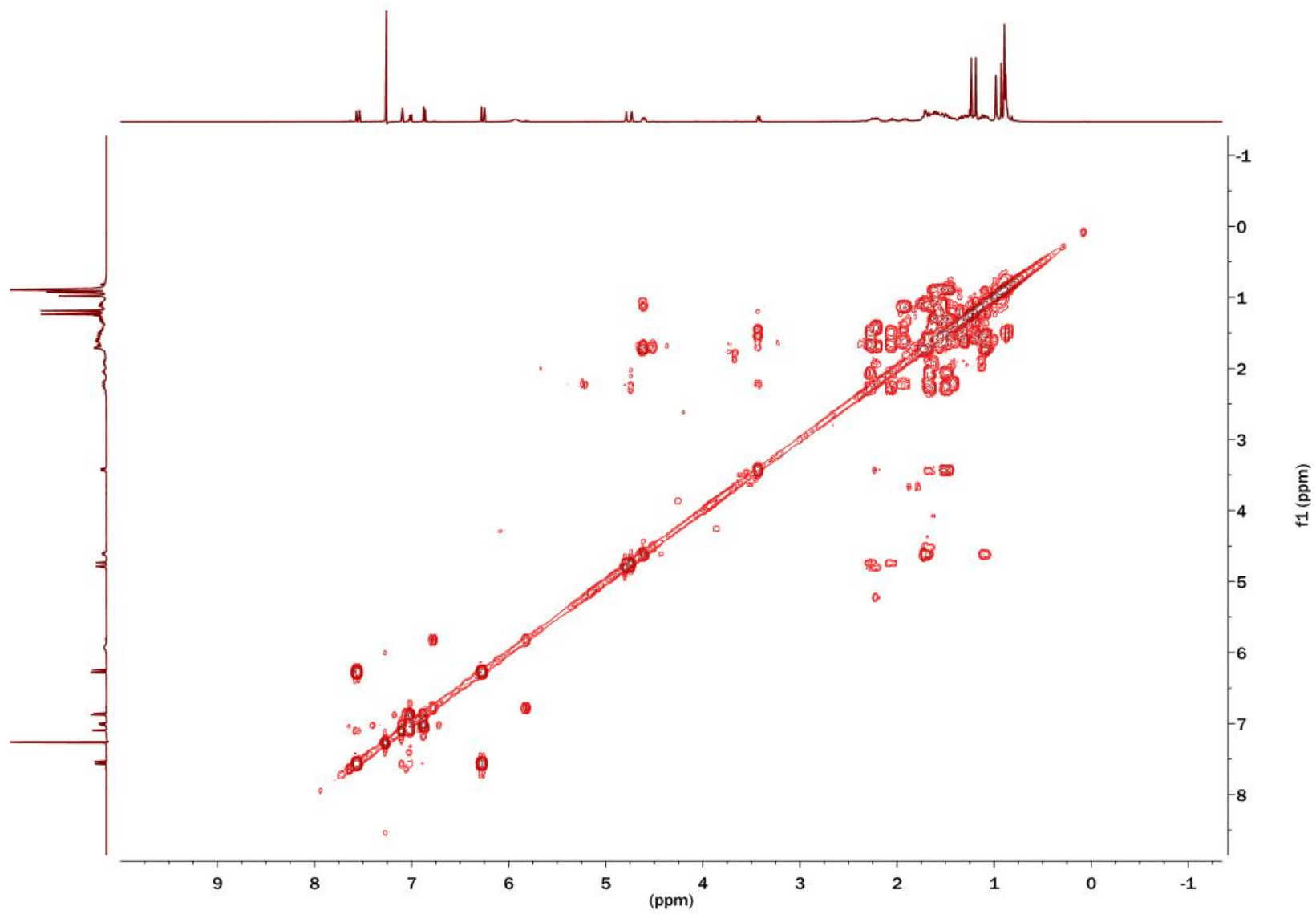


S1: ¹H-NMR (500 MHz, CDCl₃) Spectrum of **Aglaitriol 3-caffeate**

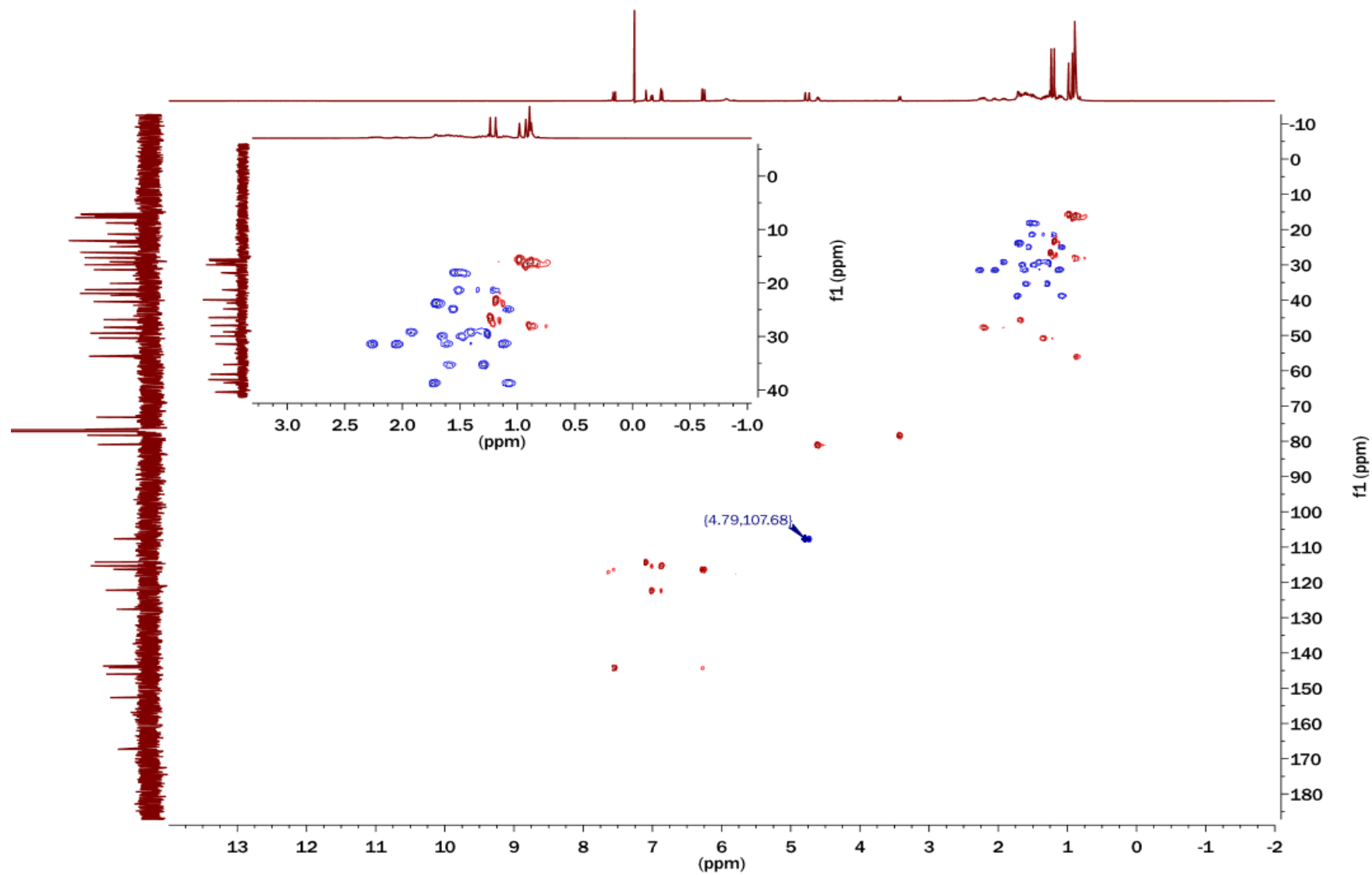
^{13}C NMR (126 MHz, cdCl_3) δ 15.57, 15.83, 16.21, 16.59, 18.09, 21.27, 23.14, 23.74, 24.85, 26.45, 27.96, 29.11, 29.96, 31.30, 31.38, 35.25, 37.06, 38.06, 38.69, 40.40, 45.54, 47.69, 49.38, 50.72, 55.89, 73.19, 77.16, 78.33, 80.96, 107.68, 114.23, 115.36, 116.32, 122.23, 127.63, 143.70, 144.21, 146.03, 152.69, 167.33.



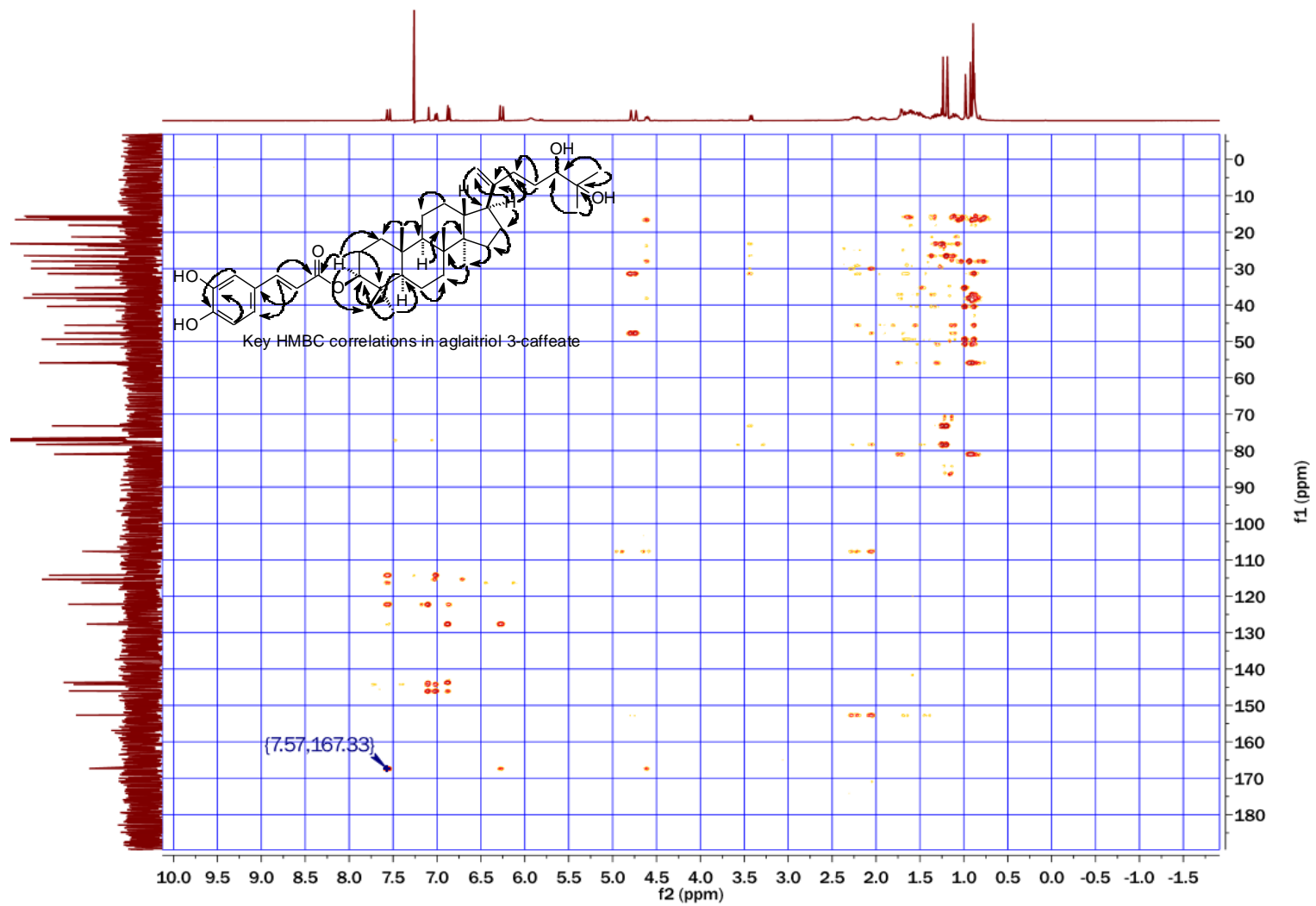
S2: ^{13}C -NMR (125 MHz, CDCl_3) Spectrum of Aglatriol 3-caffeate



S3: COSY (500 MHz) Spectrum of Aglatriol 3-caffeate



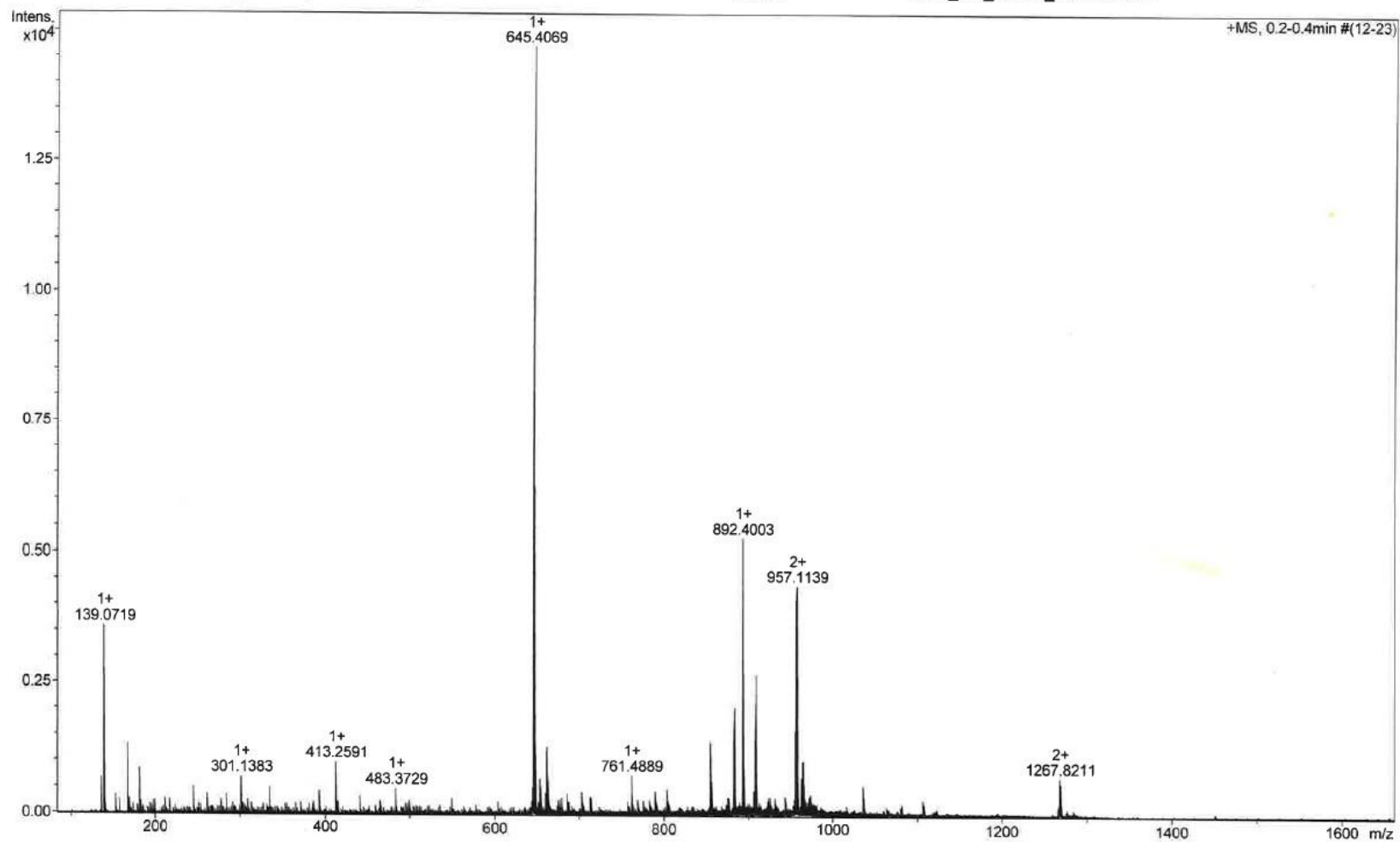
S4: HSQC Spectrum of Aglatriol 3-caffeate



S5: HMBC Spectrum of Aglaitriol 3-caffeate

ESI-TOF Mass Spectrum Report

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| Analysis Name | D:\Data\UMiami\0620EkTh02_LOW_MEOH_CHCL3_wFA_POS.d | Acquisition Date | 6/20/2016 1:55:44 PM |
| Sample Name | EK-DRYPTES 35 - 17 | Instrument | micrOTOF-Q II |
| Comment | MEOH_CHCL3 (50:50 0.1% FA) | Method | tune_low_Bruker_Calibration.m |



S6: HRMS/ESI Spectrum of Aglatriol 3-cafeate