Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supporting Information

Polytopic carriers for platinum ions: from digalloyl depside to tannic acid

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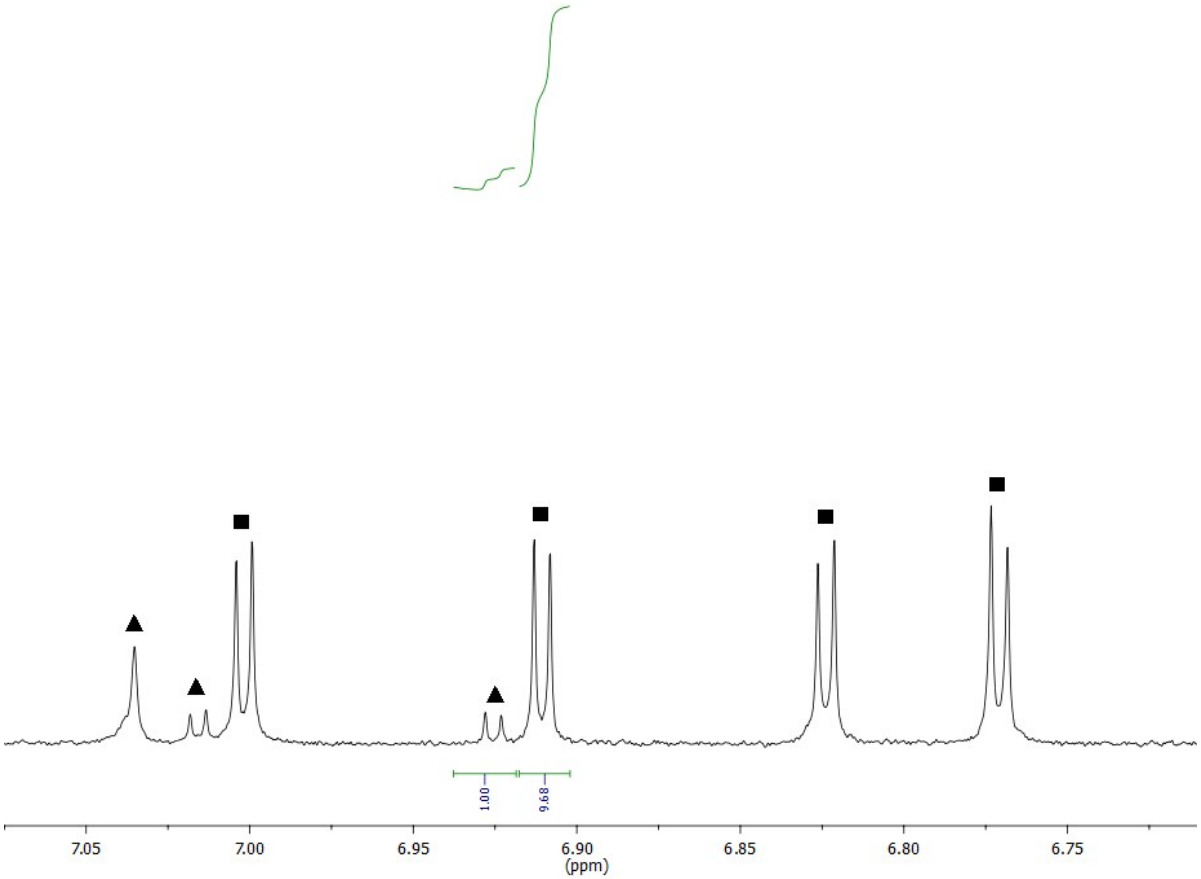


Figure S1. ^{1}H-NMR aromatic region spectrum (dmso-d6) of: (▲) complex **7**, (■) complex **8**.

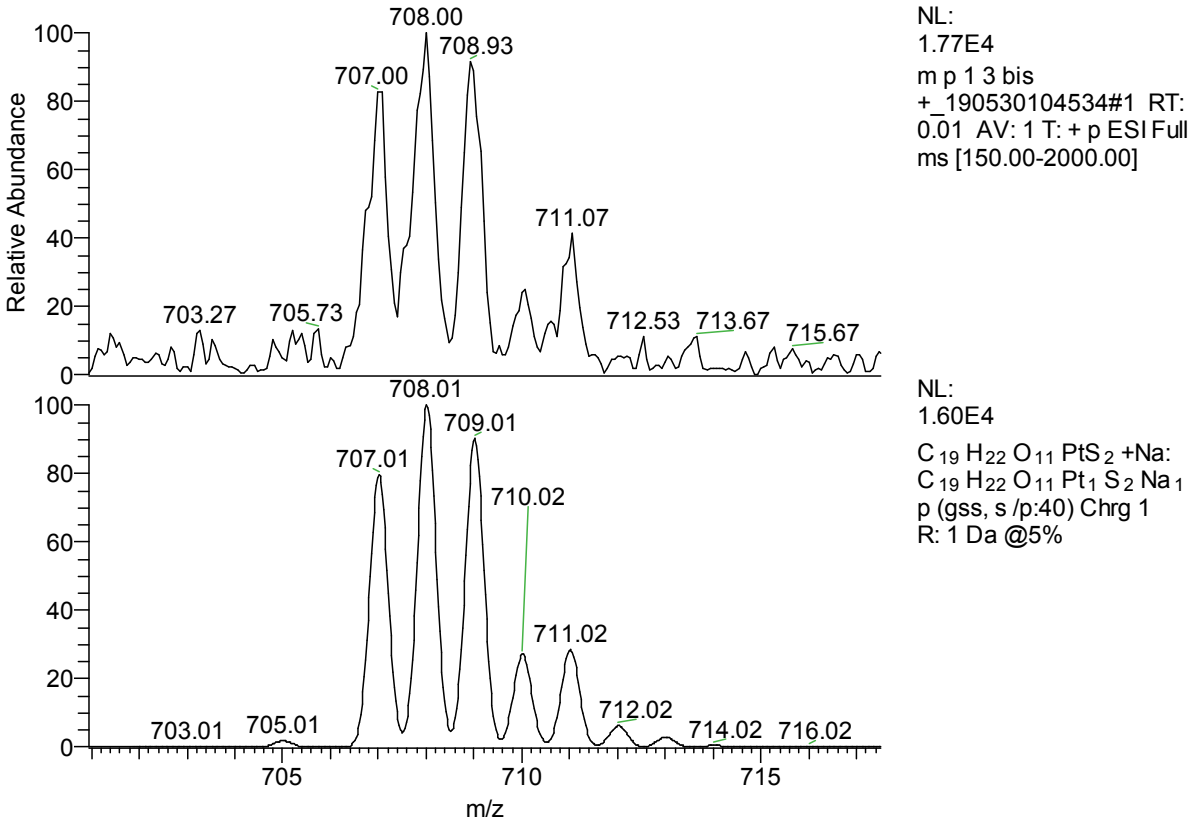


Figure S2. Experimental (top) and calculated (bottom) ESI-MS-spectra of complex **7** showing the ion $[M+Na]^+$

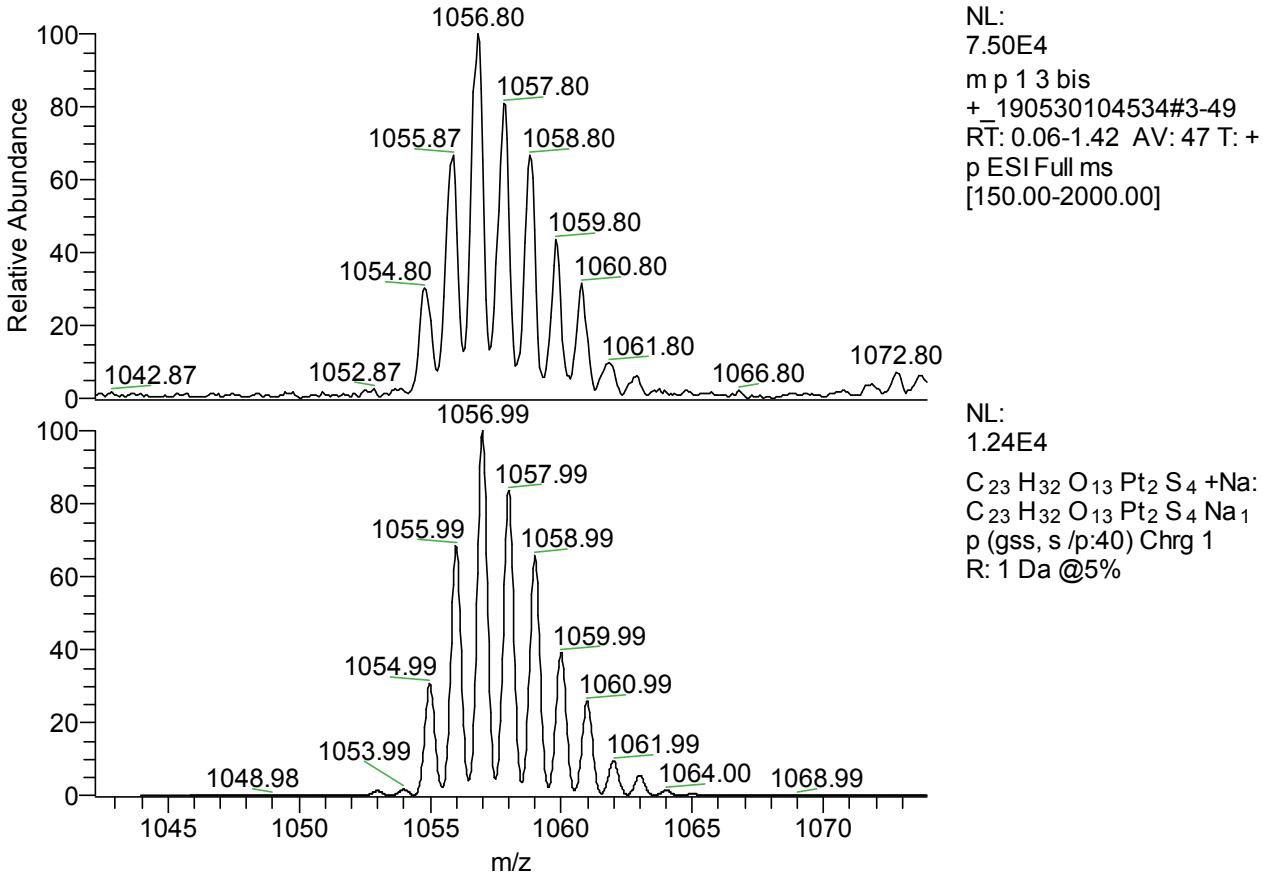


Figure S3. Experimental (top) and calculated (bottom) ESI-MS-spectra of complex **8** showing the ion $[M+Na]^+$

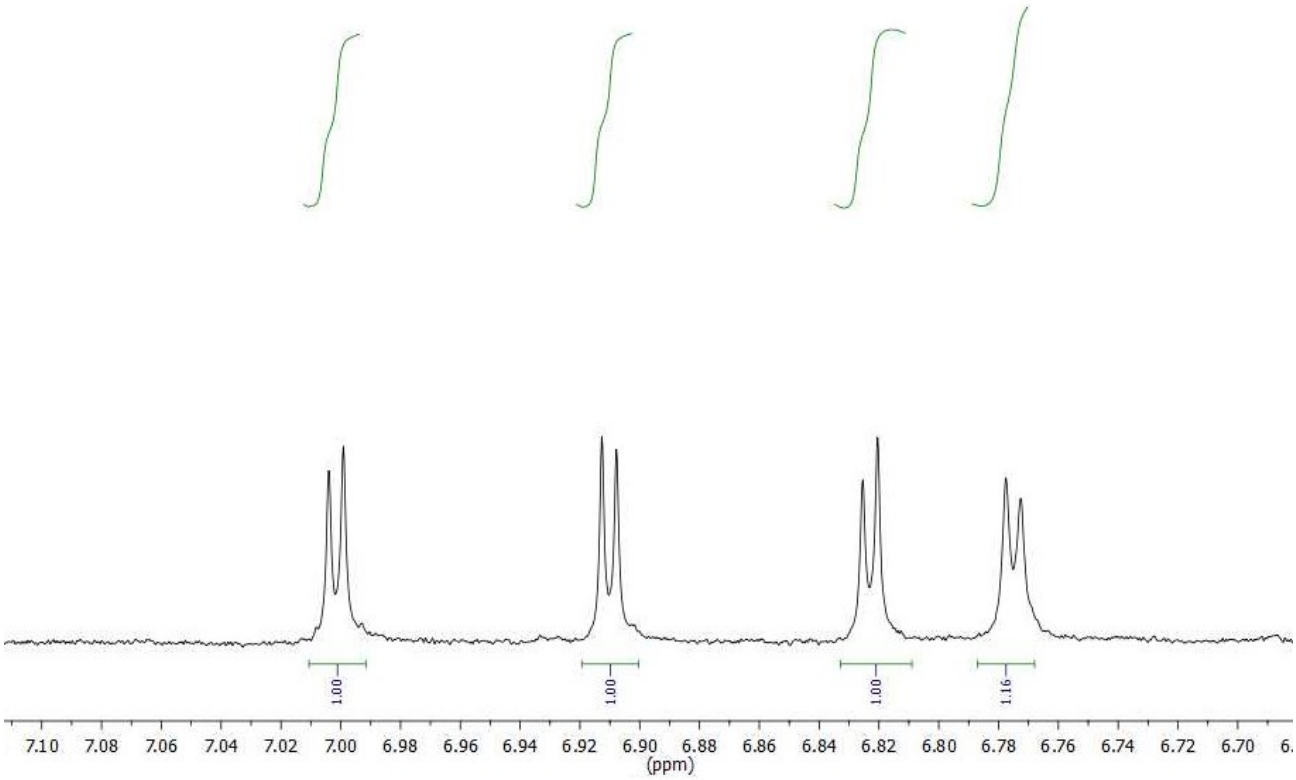
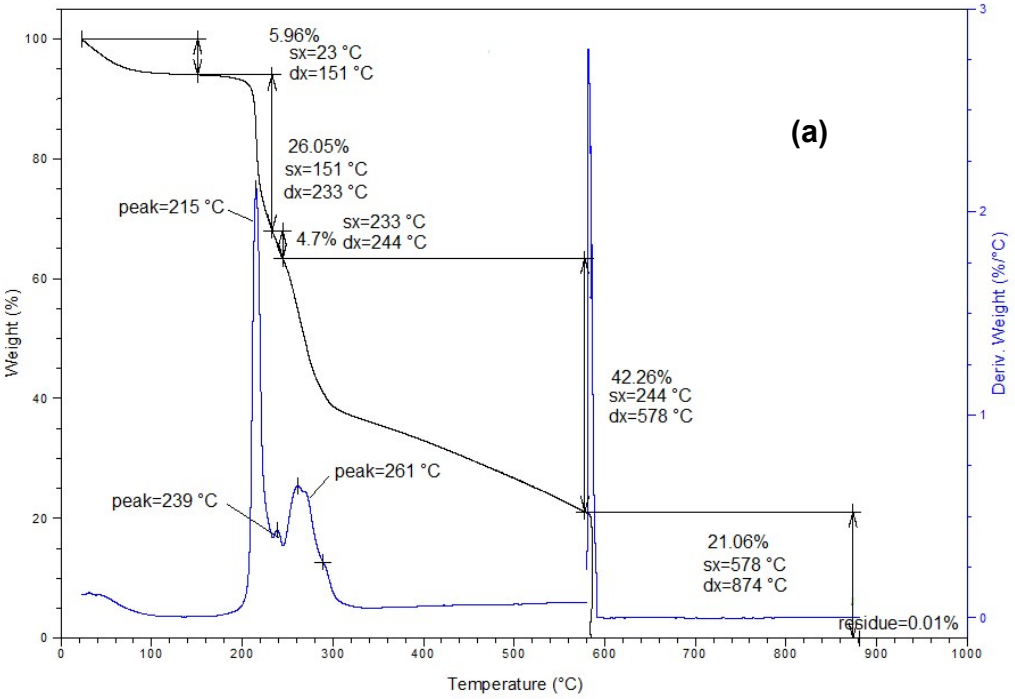
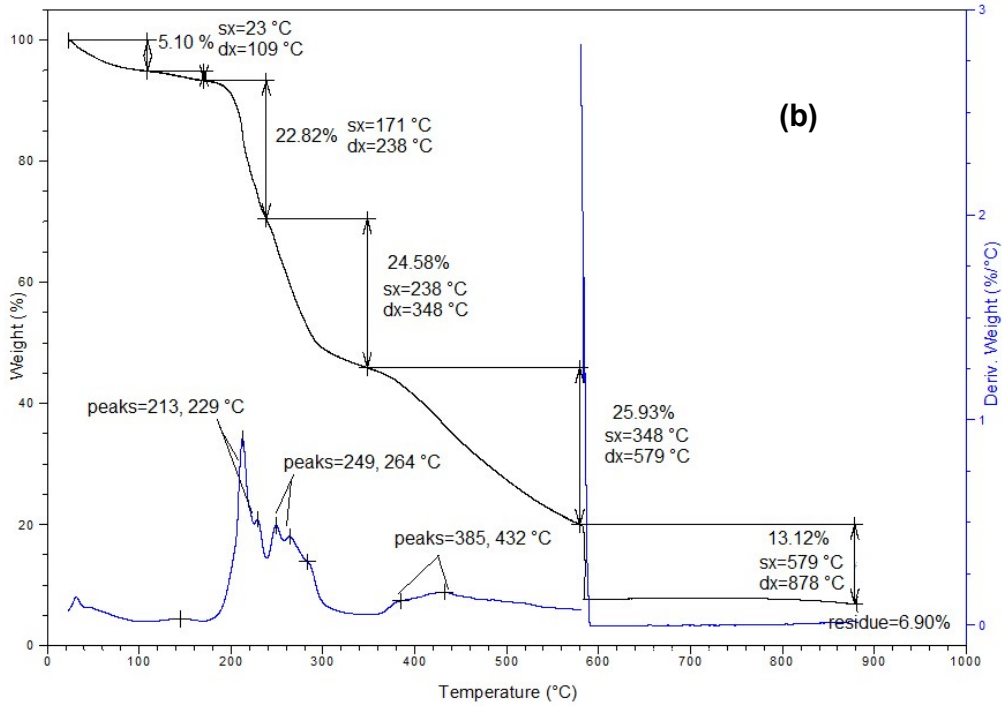
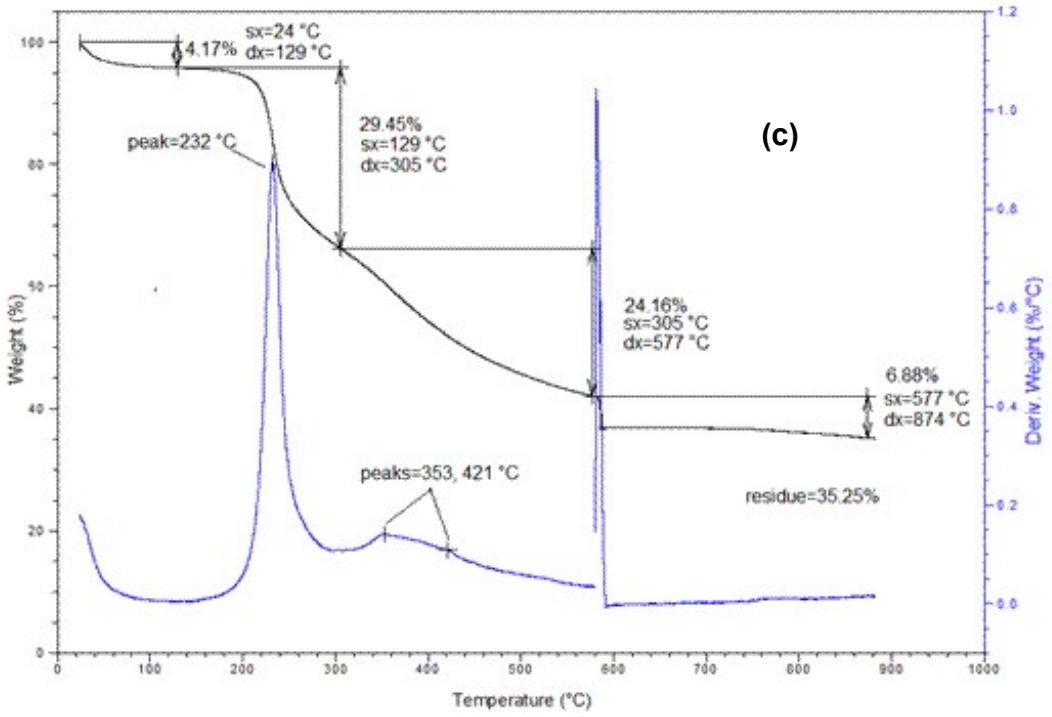


Figure S4. [1] H-NMR aromatic region spectrum (dmso-d_6) of complex **8**.


(a)
5.96%
sx=23 °C
dx=151 °C
26.05%
sx=151 °C
dx=233 °C
peak=215 °C
4.7%
sx=233 °C
dx=244 °C
42.26%
sx=244 °C
dx=578 °C
peak=261 °C
peak=239 °C
21.06%
sx=578 °C
dx=874 °C
residue=0.01%
Weight (%)
Deriv. Weight (%/°C)
Temperature (°C)


(b)
5.10 %
sx=23 °C
dx=109 °C
22.82%
sx=171 °C
dx=238 °C
24.58%
sx=238 °C
dx=348 °C
peaks=213, 229 °C
25.93%
sx=348 °C
dx=579 °C
peaks=249, 264 °C
peaks=385, 432 °C
13.12%
sx=579 °C
dx=878 °C
residue=6.90%
Weight (%)
Deriv. Weight (%/°C)
Temperature (°C)



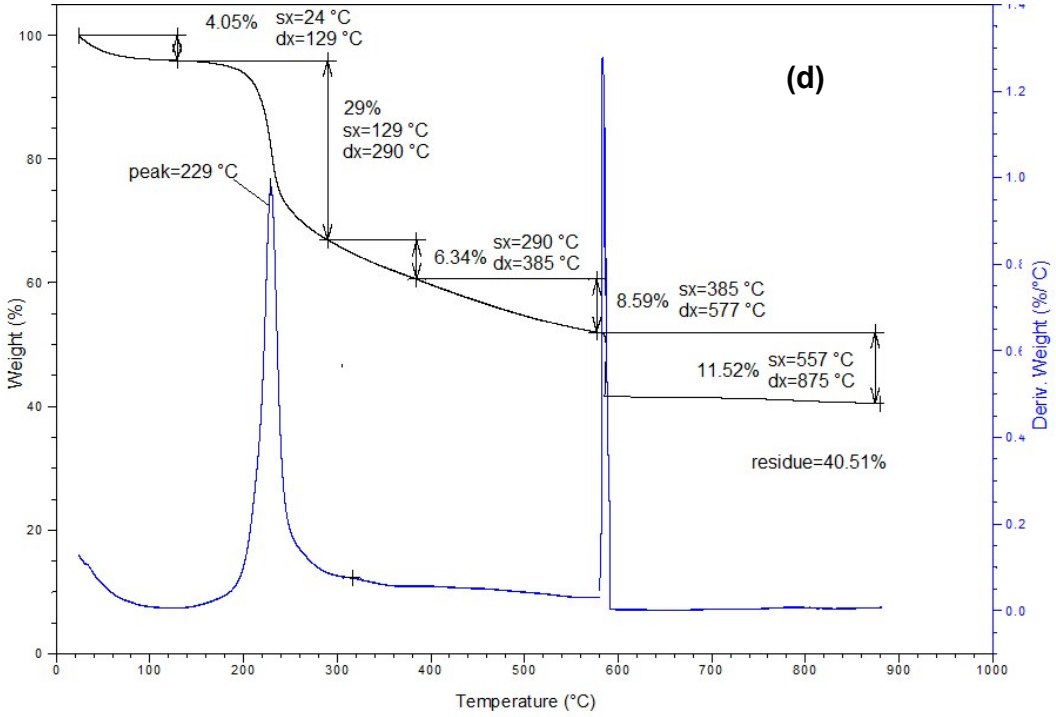


Figure S5. TG-DTA curves of: (a) **TA**, (b) complex **A,** (c) complex **B** and (d) complex **C**

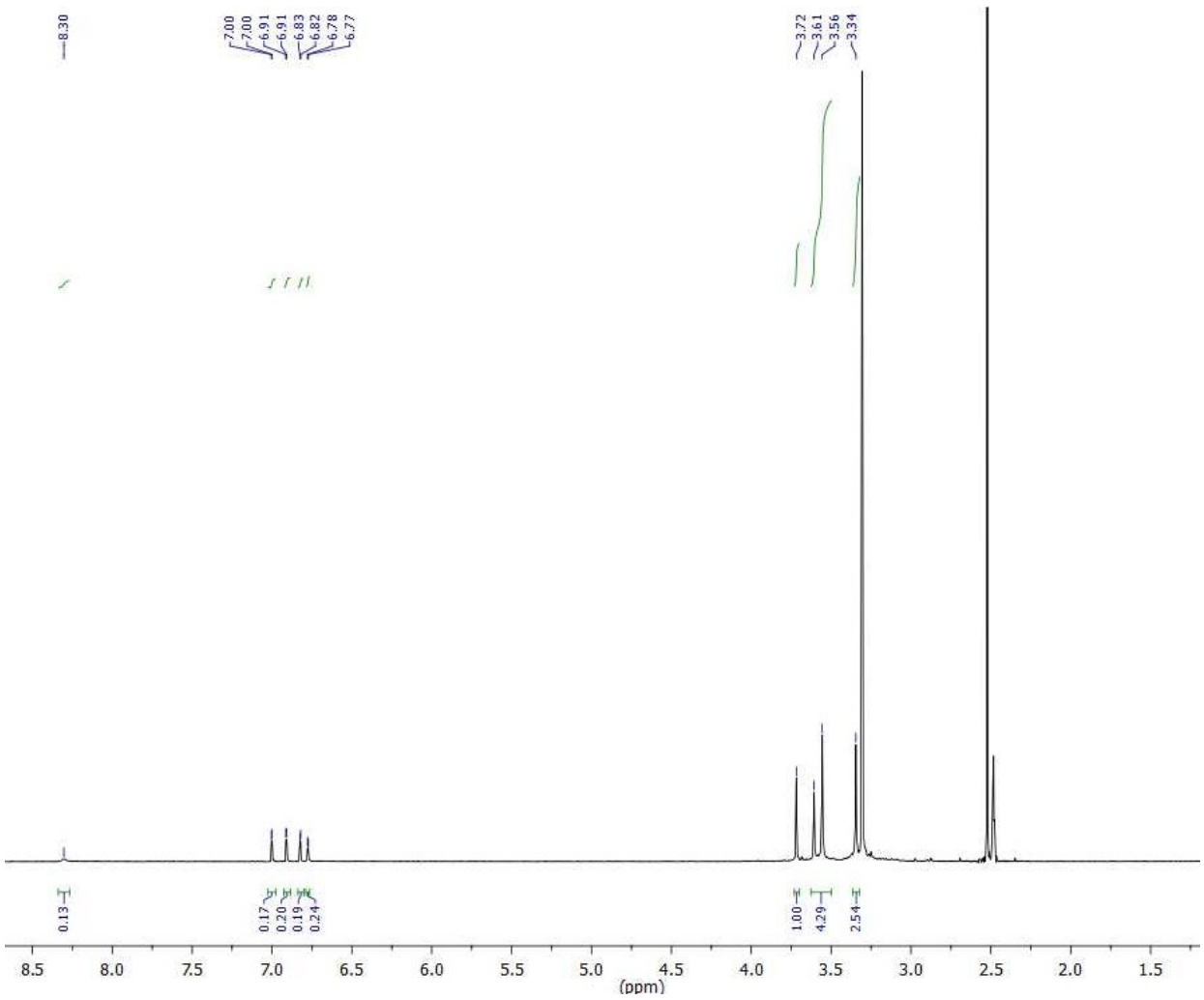


Figure S6.^{1}H-NMR (400 MHz, dmso-d_6) of [Pt_2m-GG(Me_2SO-S)$_4$] (**8**) complex

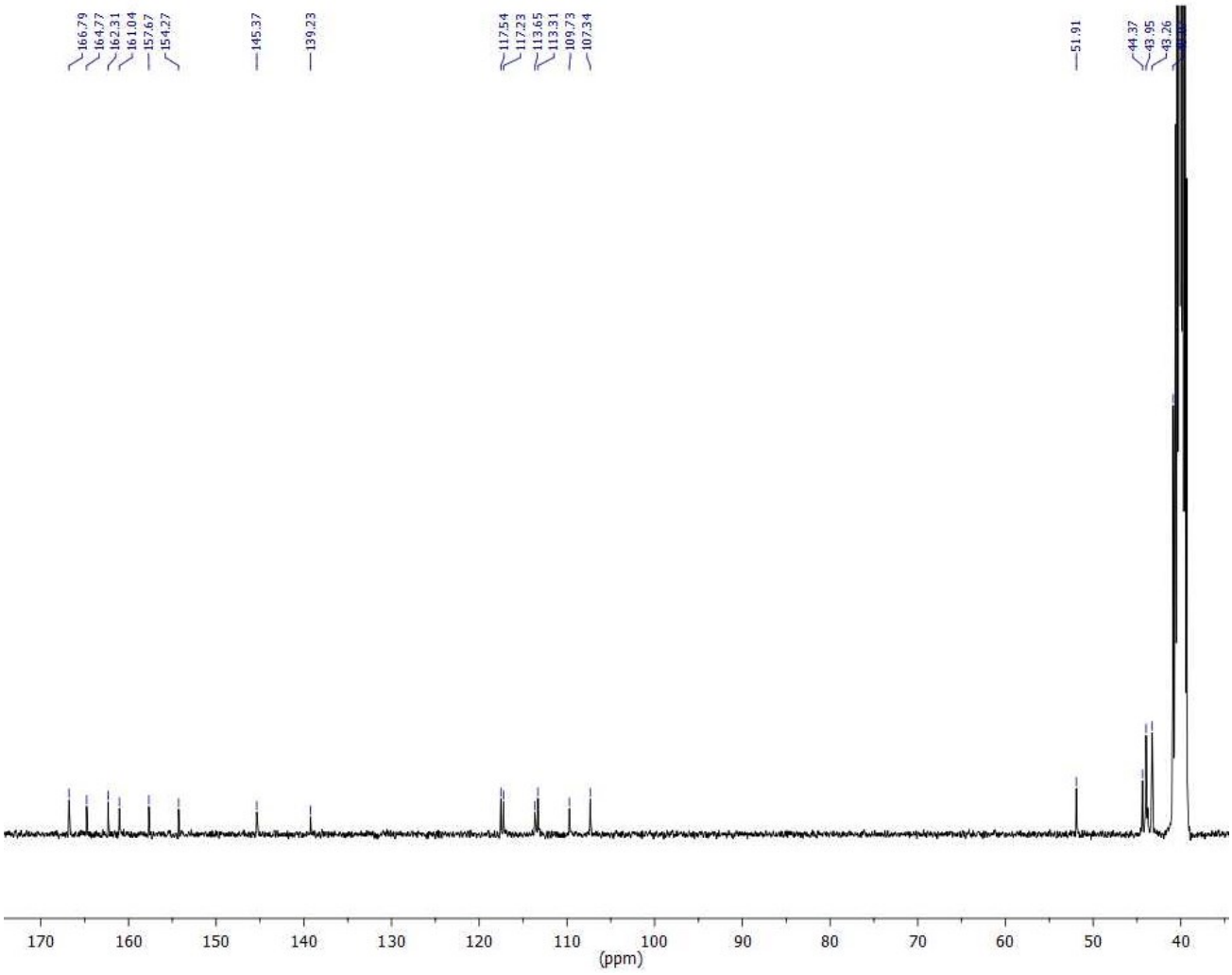


Figure S7. ^{13}C-NMR (101 MHz, dmso-d_6) of [Pt_2m-GG(Me_2SO-S)$_4$] (**8**) complex

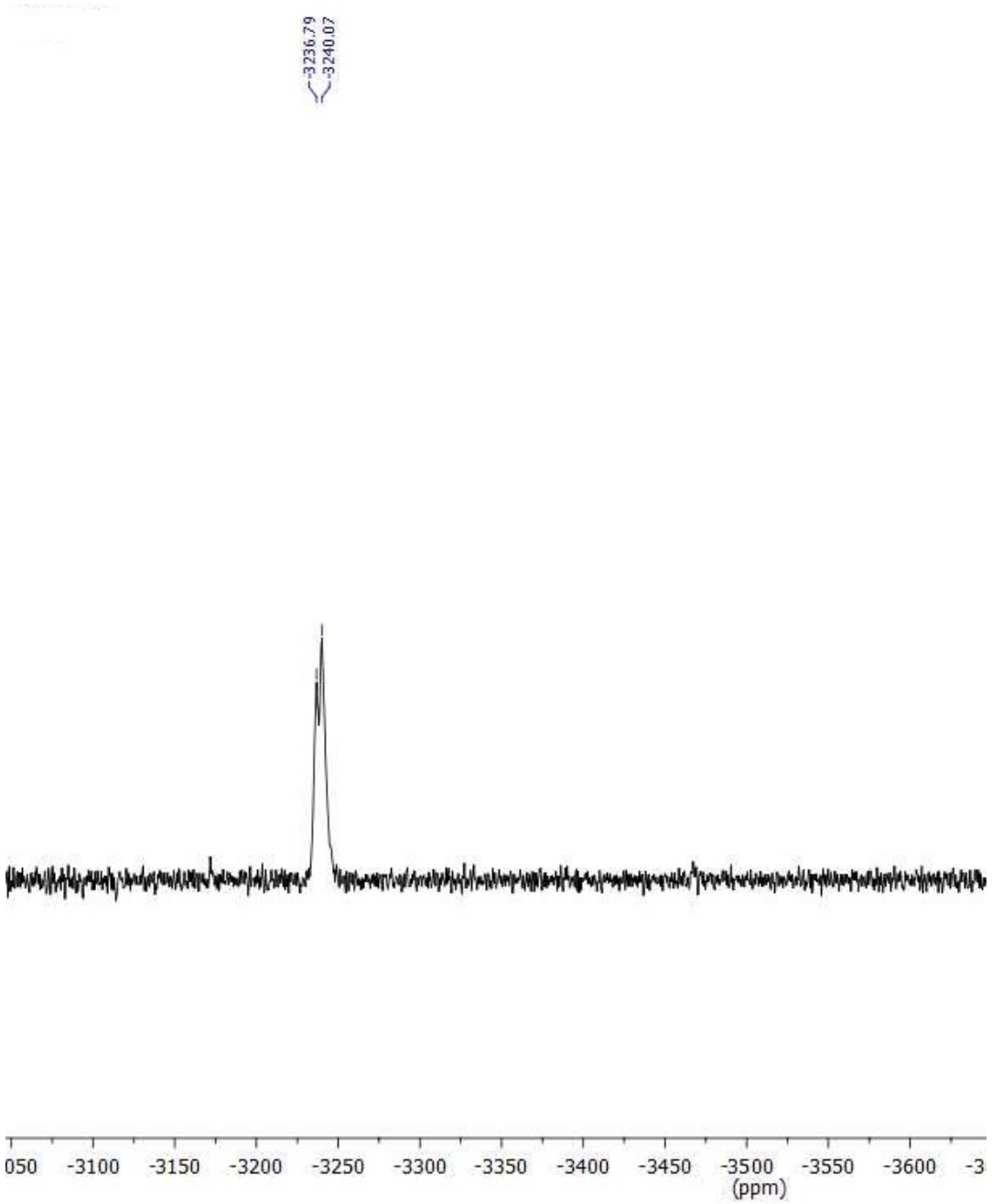


Figure S8. ^{195}Pt NMR (85.64 MHz, dmso-d_6) of [Pt_2*m*-GG(Me_2SO-*S*)$_4$] (**8**) complex

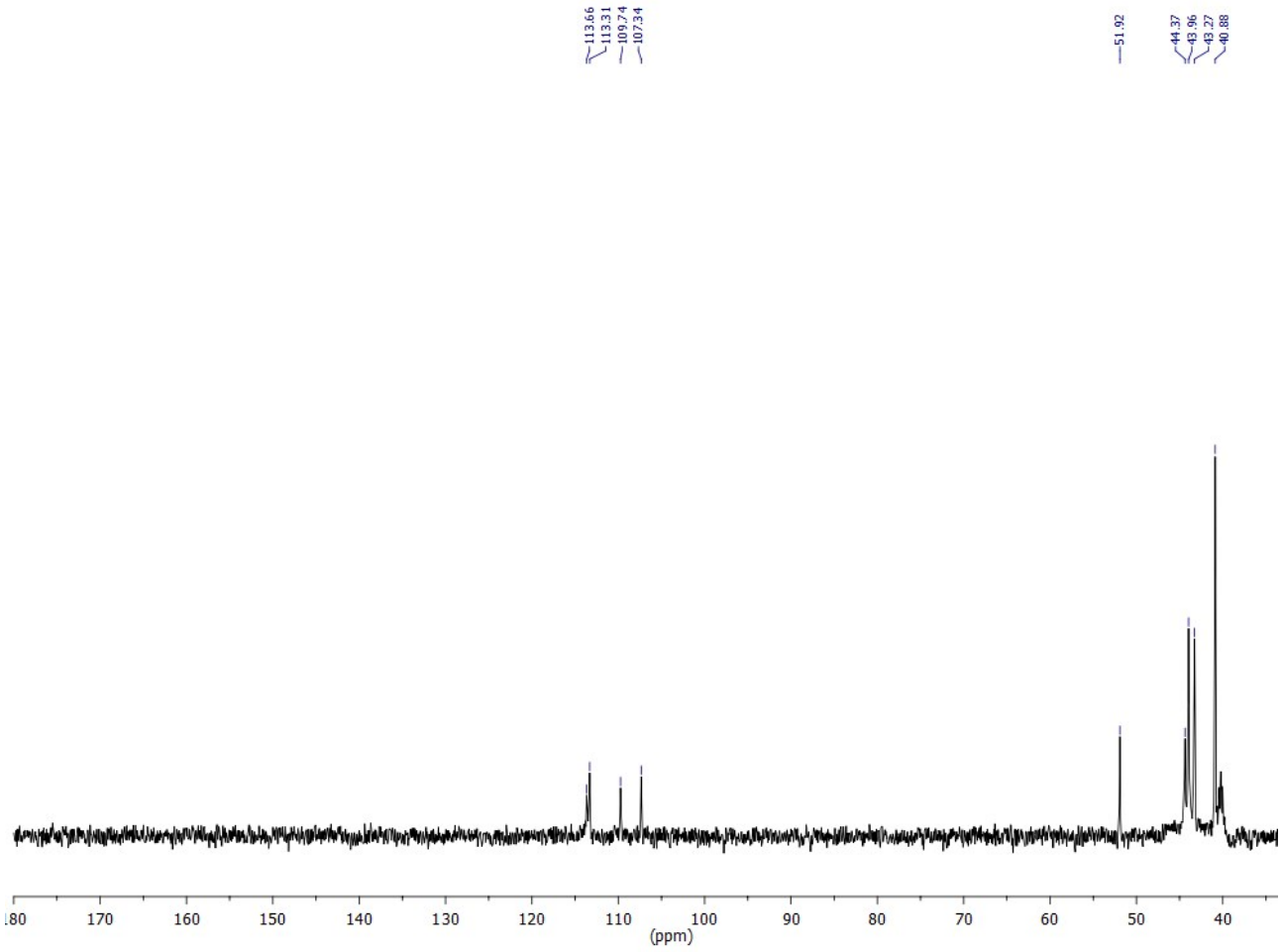


Figure S9. ^{13}C DEPT 135°-NMR (101 MHz, dmso-d_6) of [Pt_2m-**GG**(Me_2SO-S)$_4$] (**8**) complex

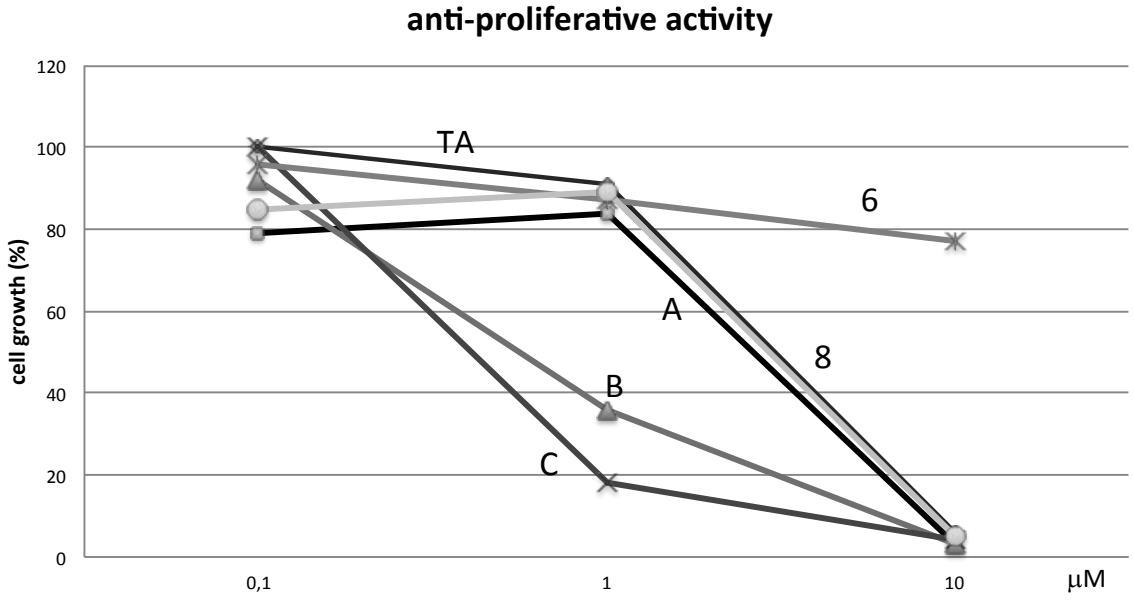


Figure S10 - Representative examples of the anti-proliferative effects of compounds **TA**, **A, B, C, 6** and **8** on **A2780 cells** treated with 3 different concentrations (0.1, 1 and 10 µM) of each derivative.

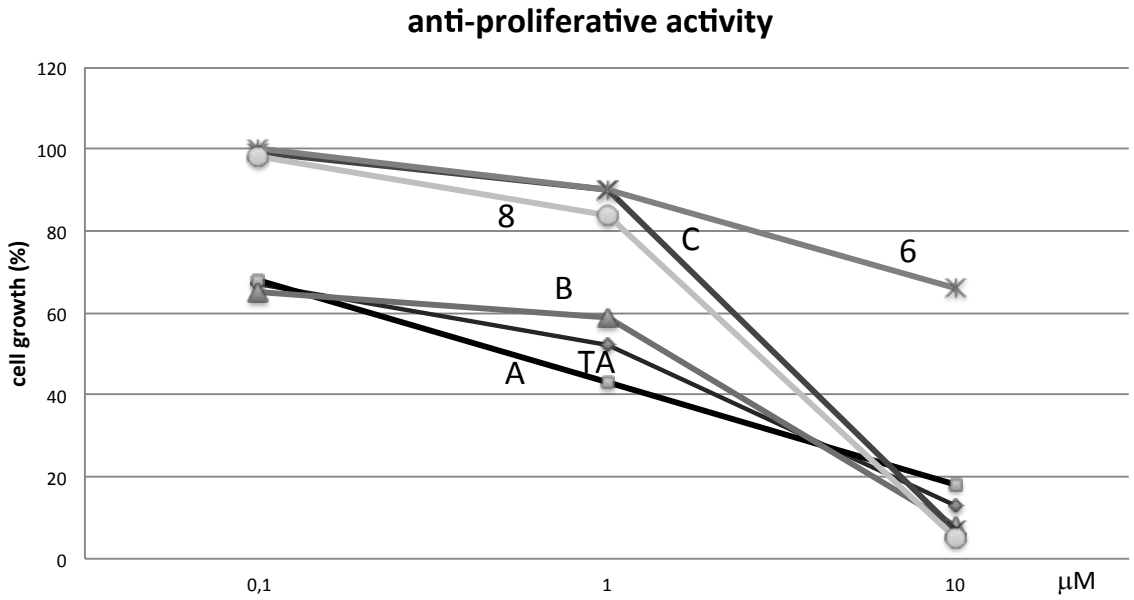
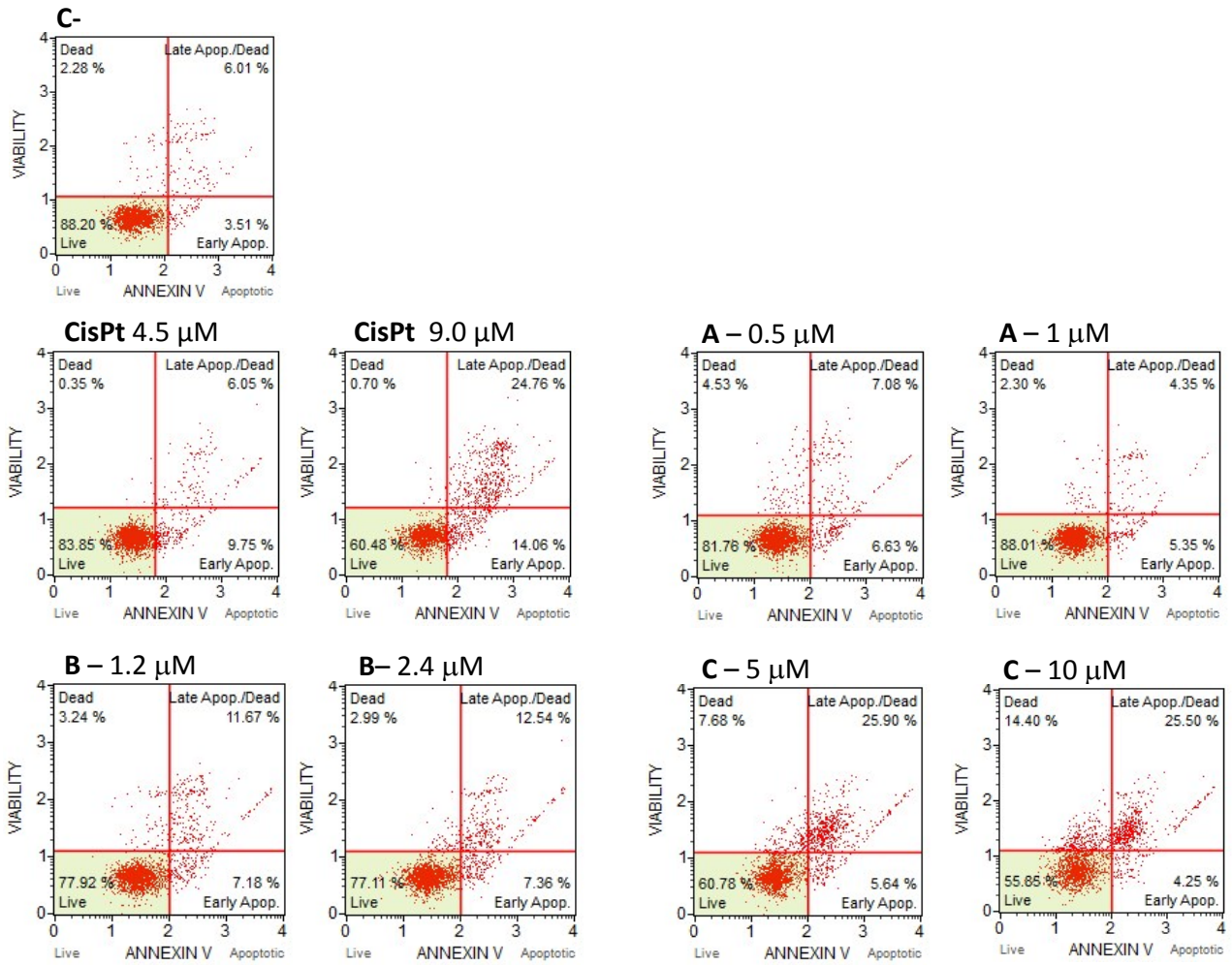


Figure S11 - Representative examples of the anti-proliferative effects of compounds **TA**, **A, B, C, 6** and **8** on **A2780cis cells** treated with 3 different concentrations (0.1, 1 and 10 µM) of each derivative.



FigureS12. Effects of compounds **A, B** and **C,** using the Annexin-V assay performed on **A2780cis cells** treated with two different concentrations of each derivative.