

Supplementary Materials S01

[illegible][illegible]

	inhibitor	(0.001)														
29	Insulin promotor	0.869 (0.004)	0.881 (0.003)	0.941 (0.002)	0.928 (0.002)	0.928 (0.002)	0.920 (0.003)	0.920 (0.003)	0.922 (0.002)	0.922 (0.002)	0.922 (0.002)	0.922 (0.002)	0.922 (0.002)	0.922 (0.002)	0.922 (0.002)	0.922 (0.002)
30	Lipid metabolism regulator	< 0.700	0.822 (0.005)	0.959 (0.002)	0.949 (0.003)	0.959 (0.002)	0.960 (0.002)	0.960 (0.002)	0.963 (0.002)	0.963 (0.002)	0.963 (0.002)	0.963 (0.002)	0.963 (0.002)	0.963 (0.002)	0.963 (0.002)	0.963 (0.002)
31	Lipid peroxidase inhibitor	0.810 (0.003)	0.804 (0.003)	0.713 (0.005)	0.714 (0.005)	0.720 (0.005)	< 0.700	< 0.700	0.738 (0.004)	0.738 (0.004)	0.738 (0.004)	0.738 (0.004)	0.738 (0.004)	0.738 (0.004)	0.738 (0.004)	0.738 (0.004)
32	Membrane integrity antagonist	0.928 (0.002)	0.895 (0.003)	0.936 (0.001)	0.930 (0.002)	0.939 (0.001)	0.913 (0.002)	0.913 (0.002)	0.943 (0.001)	0.943 (0.001)	0.943 (0.001)	0.943 (0.001)	0.943 (0.001)	0.943 (0.001)	0.943 (0.001)	0.943 (0.001)
33	Mucomembranous protectant	0.894 (0.005)	0.826 (0.013)	0.873 (0.006)	0.850 (0.009)	0.850 (0.009)	0.863 (0.007)	0.863 (0.007)	0.857 (0.008)	0.857 (0.008)	0.857 (0.008)	0.857 (0.008)	0.857 (0.008)	0.857 (0.008)	0.857 (0.008)	0.857 (0.008)
34	Nitric oxide antagonist	0.814 (0.002)	0.798 (0.003)	0.787 (0.003)	0.764 (0.003)	0.770 (0.003)	0.772 (0.003)	0.772 (0.003)	0.762 (0.003)	0.762 (0.003)	0.762 (0.003)	0.762 (0.003)	0.762 (0.003)	0.762 (0.003)	0.762 (0.003)	0.762 (0.003)
35	Oxidoreductase inhibitor	0.904 (0.002)	0.875 (0.003)	0.904 (0.002)	0.897 (0.002)	0.904 (0.002)	0.913 (0.002)	0.913 (0.002)	0.907 (0.002)	0.907 (0.002)	0.907 (0.002)	0.907 (0.002)	0.907 (0.002)	0.907 (0.002)	0.907 (0.002)	0.907 (0.002)
36	Phosphatase inhibitor	0.894 (0.001)	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700
37	Protein phosphatase inhibitor	0.782 (0.002)	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700
38	PT phosphatase inhibitor	0.764 (0.002)	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700
39	T-cell PT phosphatase inhibitor	0.726 (0.001)	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700
40	T-17β-dehydr. (NADP+) inhibitor	0.892 (0.007)	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700
41	Transcription factor NF kappa B inhibitor	< 0.700	< 0.700	0.733 (0.002)	0.720 (0.002)	0.738 (0.002)	0.715 (0.002)	0.715 (0.002)	0.732 (0.002)	0.732 (0.002)	0.732 (0.002)	0.732 (0.002)	0.732 (0.002)	0.732 (0.002)	0.732 (0.002)	0.732 (0.002)
42	Transcription factor NF kappa B stimulant	0.954 (0.001)	0.916 (0.001)	0.918 (0.001)	0.911 (0.001)	0.911 (0.001)	0.911 (0.001)	0.911 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)
43	Transcription factor stimulant	0.954 (0.001)	0.916 (0.001)	0.918 (0.001)	0.911 (0.001)	0.911 (0.001)	0.911 (0.001)	0.911 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)	0.908 (0.001)
44	Vasodilator peripheral	< 0.700	0.714 (0.008)	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700	< 0.700

Legend: P_a = probability of activity; P_i = probability of inactivity; **AGPCh** = alkenylglycerophosphocholine; **DAGOA** = diacylglycerol O-acyl; **PT** = protein-tyrosine; **T-17 β -dehydr.**= testosterone 17beta-dehydrogenase

Acetylation of Oleanolic Acid Dimers as a Method of Synthesis of Powerful Cytotoxic Agents

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Supplementary Materials S02

Figure S1. Standard curve for CUPRAC radical inhibition by Trolox.

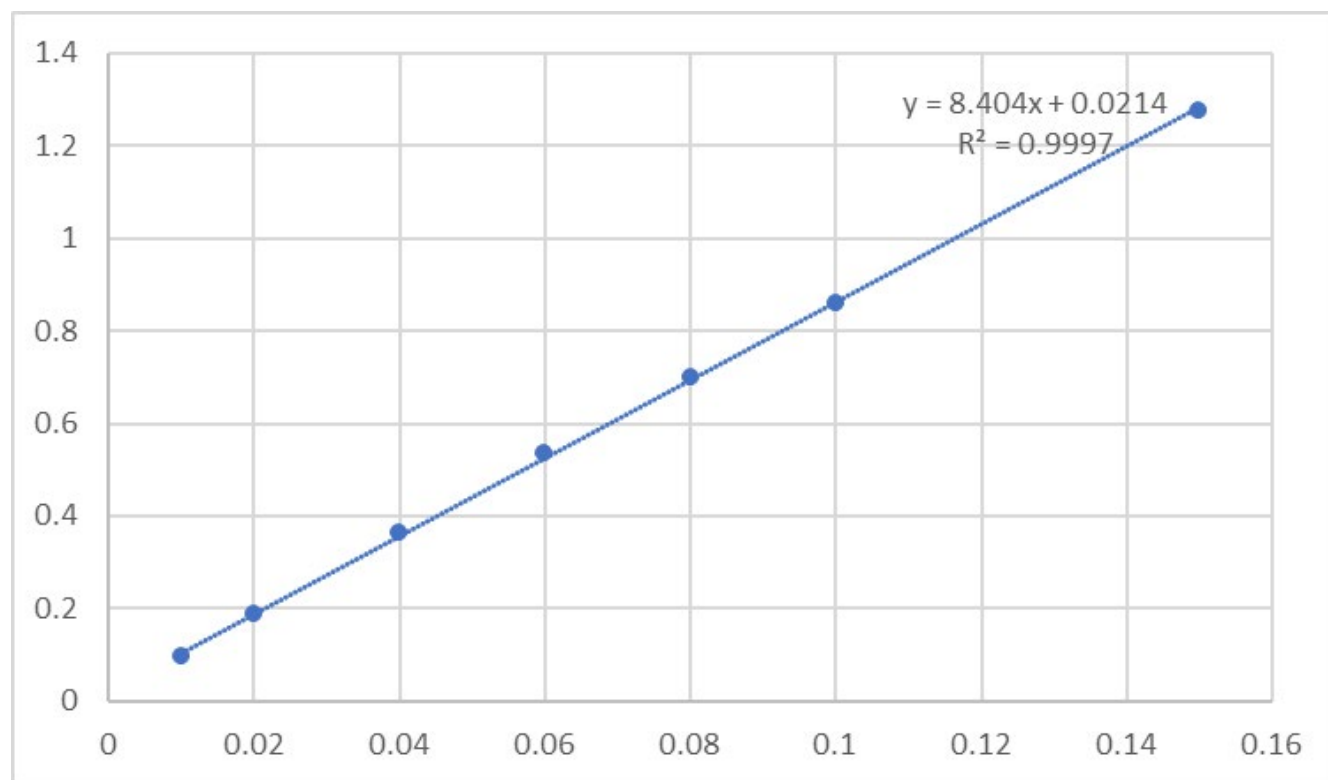
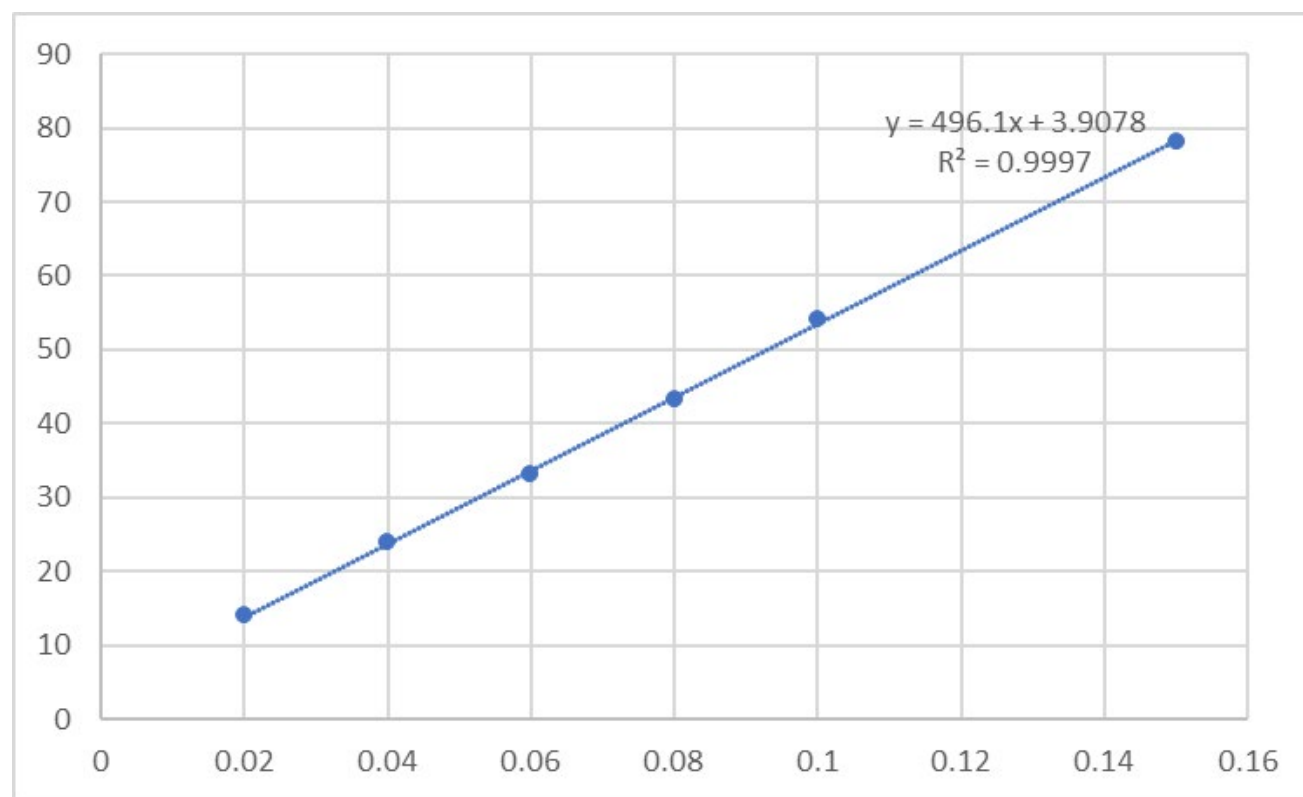


Figure 2. Standard curve for DPPH radical inhibition by Trolox.



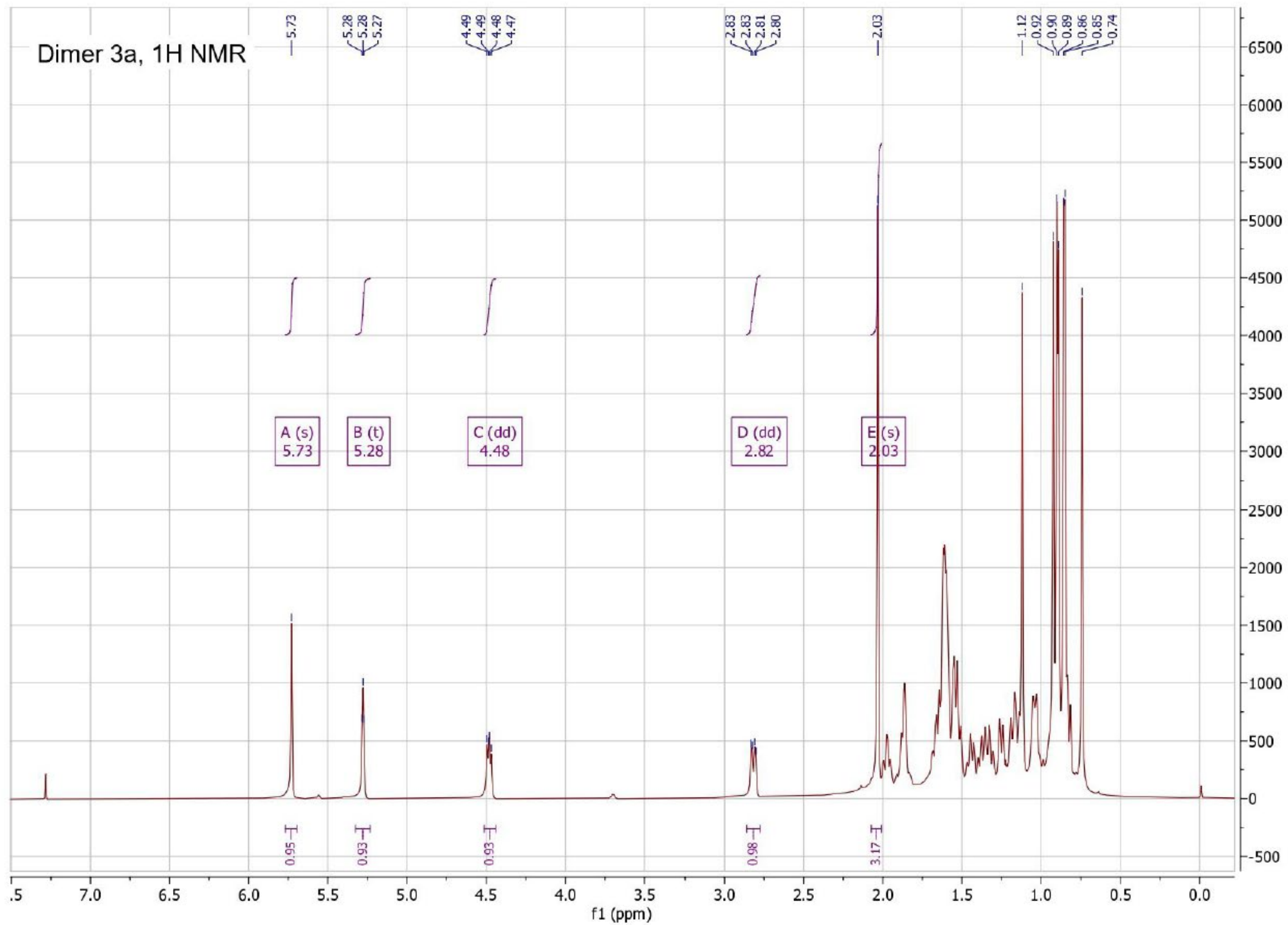
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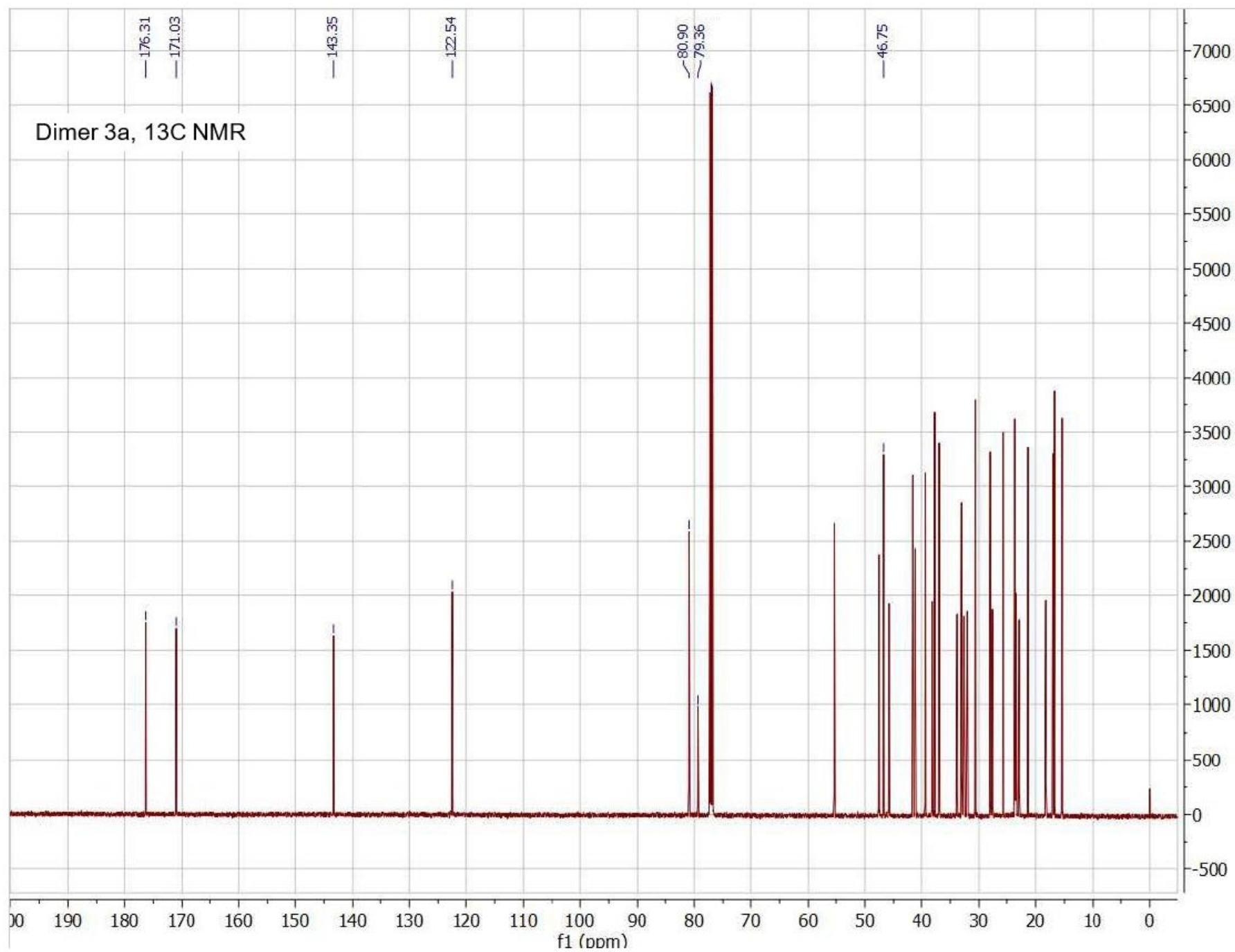
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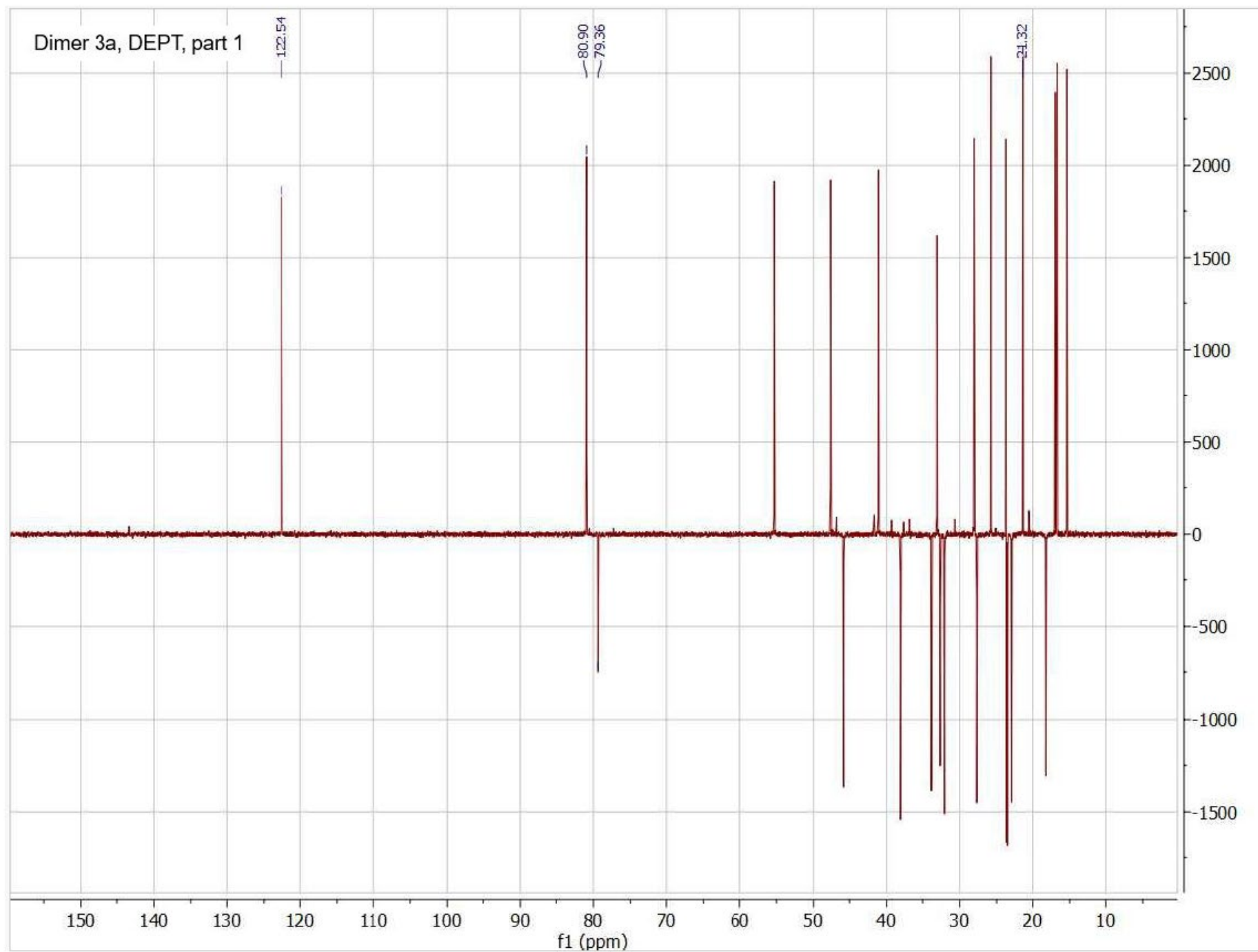
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Supplementary Materials S03

NMR spectra of dimer 3a







Dimer 3a, DEPT, part 2

