Electronic Supplementary Material (ESI) for Organic & Biomolecular Chemistry

Theoretical and Experimental Exploration of the Photochemistry of Resveratrol: Beyond the Simple Double Bond Isomerization

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Figure 1S. Comparison of 1H-NMR spectra of compound **10**: 1) Obtained from photochemical irradiation of resveratrol **1**; 2) obtained from MOM-**8** after treatment with MeOH/HCl; 3 and 4) same as 2 but after longer reaction times.

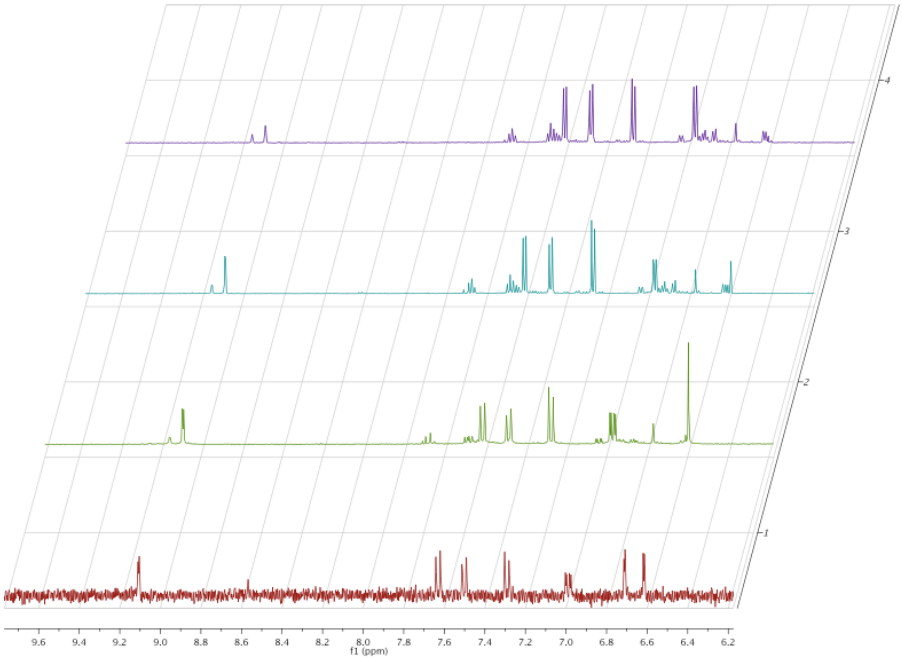
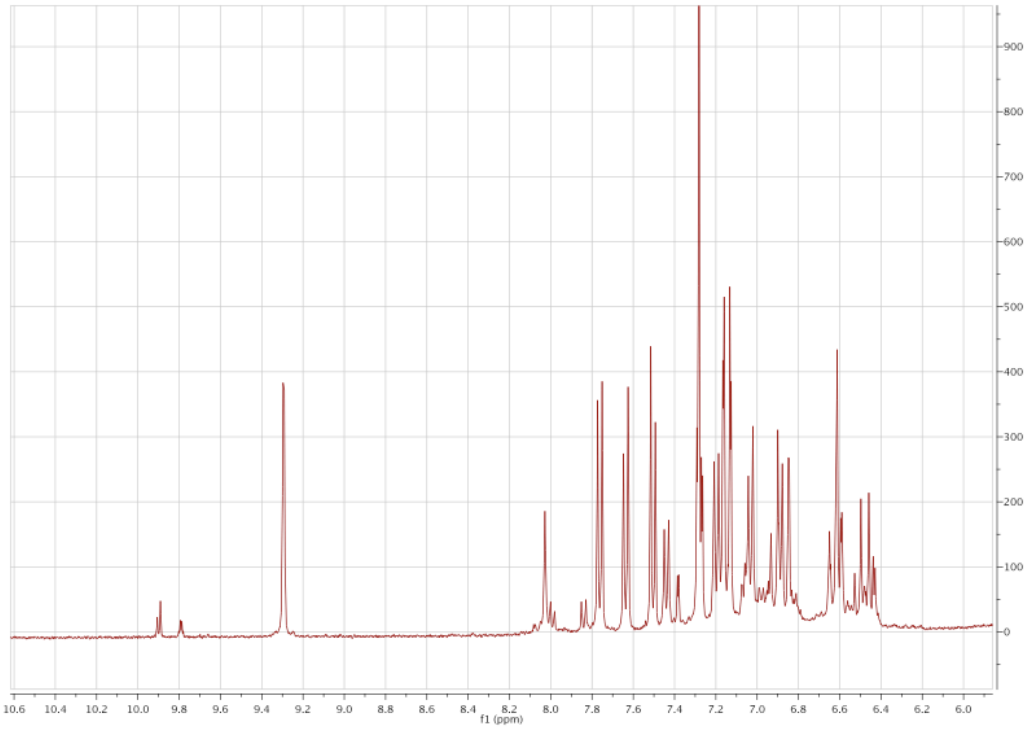
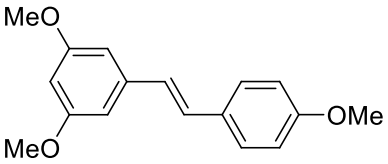


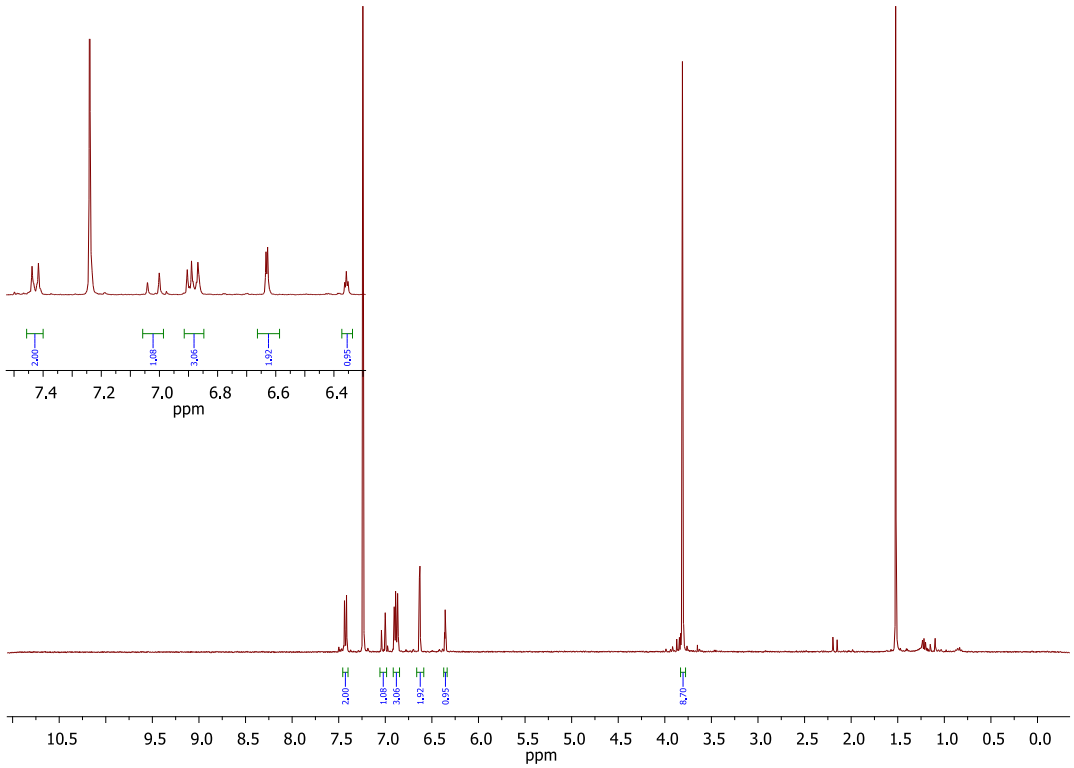
Figure 2S. 1H NMR of EOM-**8** after 7 h of irradiation



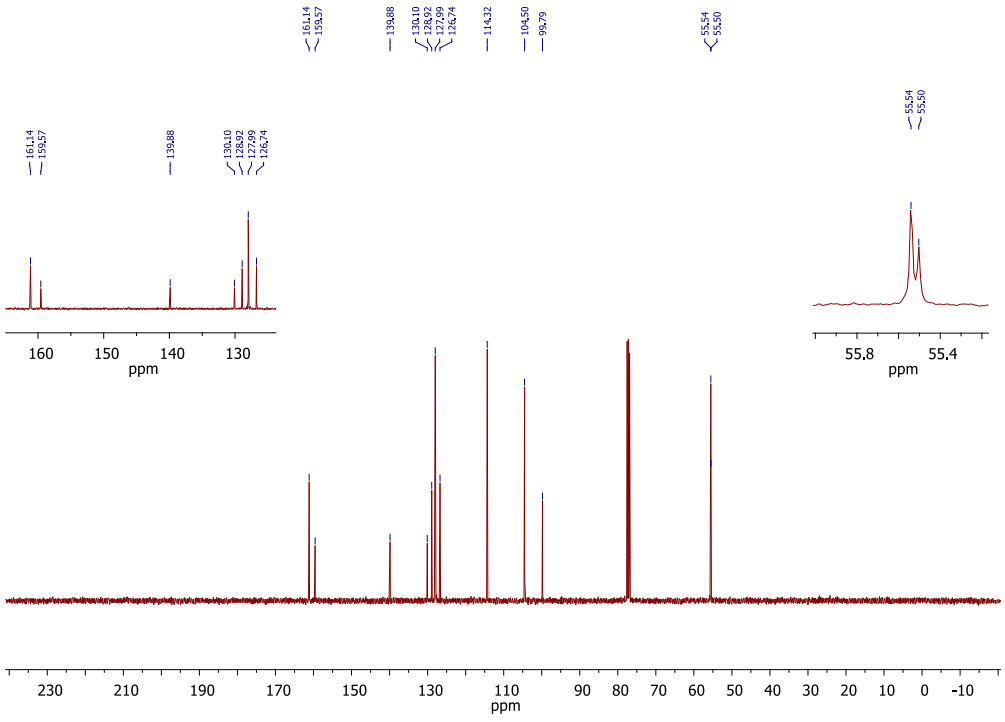
(*E*)-1,3-dimethoxy-5-(4-methoxystyryl)benzene



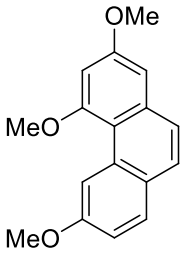
^{1}H NMR



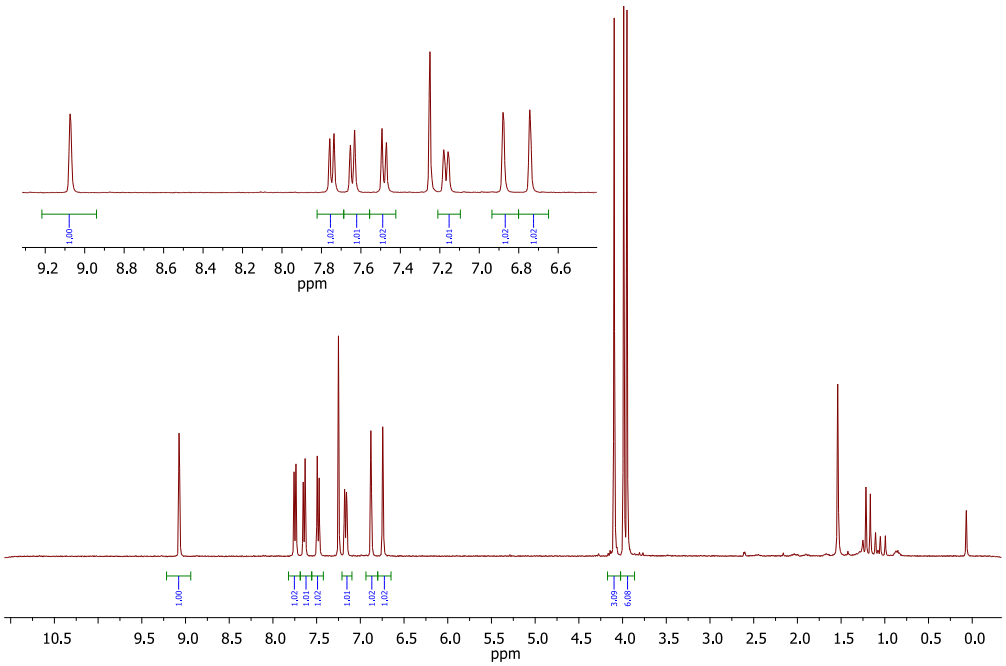
^{13}C NMR



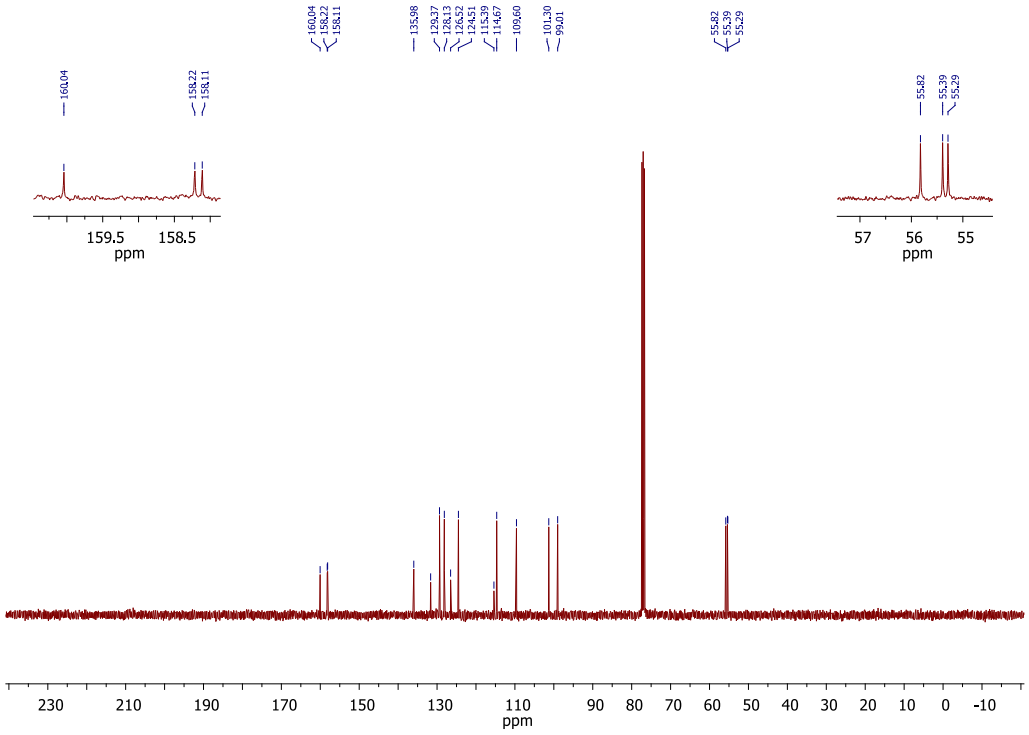
2,4,6-Trimethoxyphenanthrene



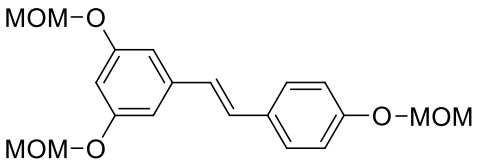
^{1}H-NMR



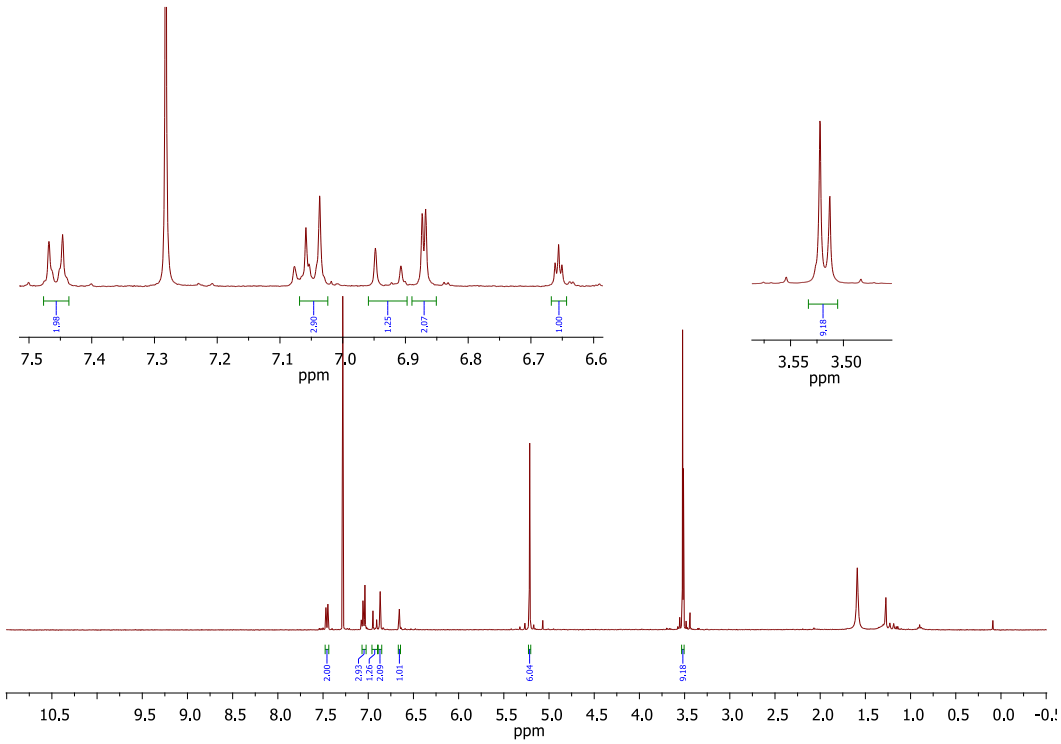
^{13}C-NMR:



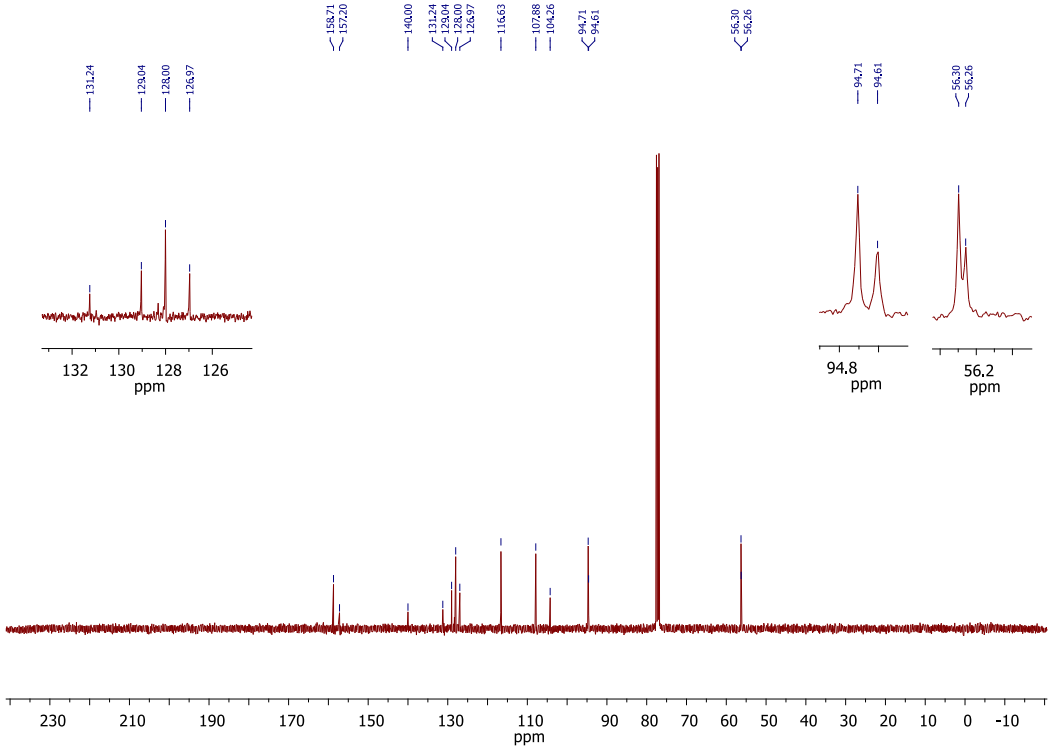
(*E*)-1,3-bis(Methoxymethoxy)-5-(4-methoxymethoxy)styryl)benzene.



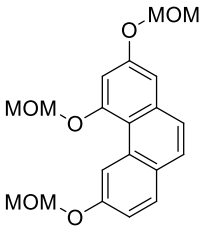
^{1}H NMR:



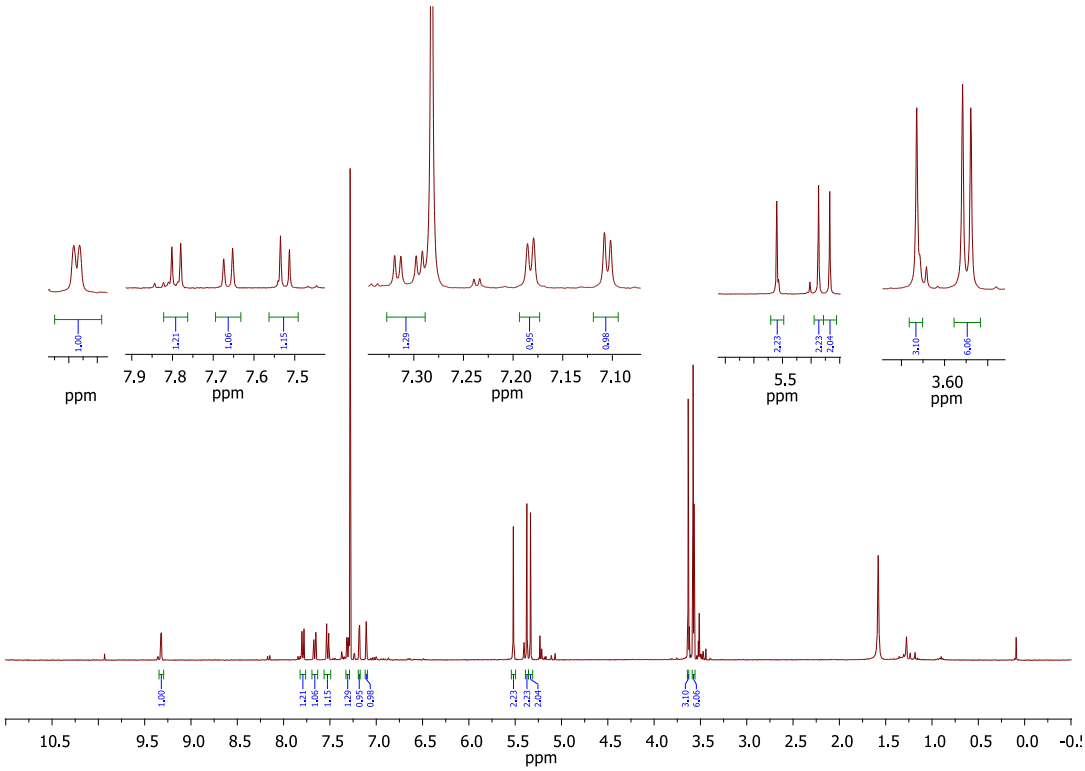
^{13}C-NMR:



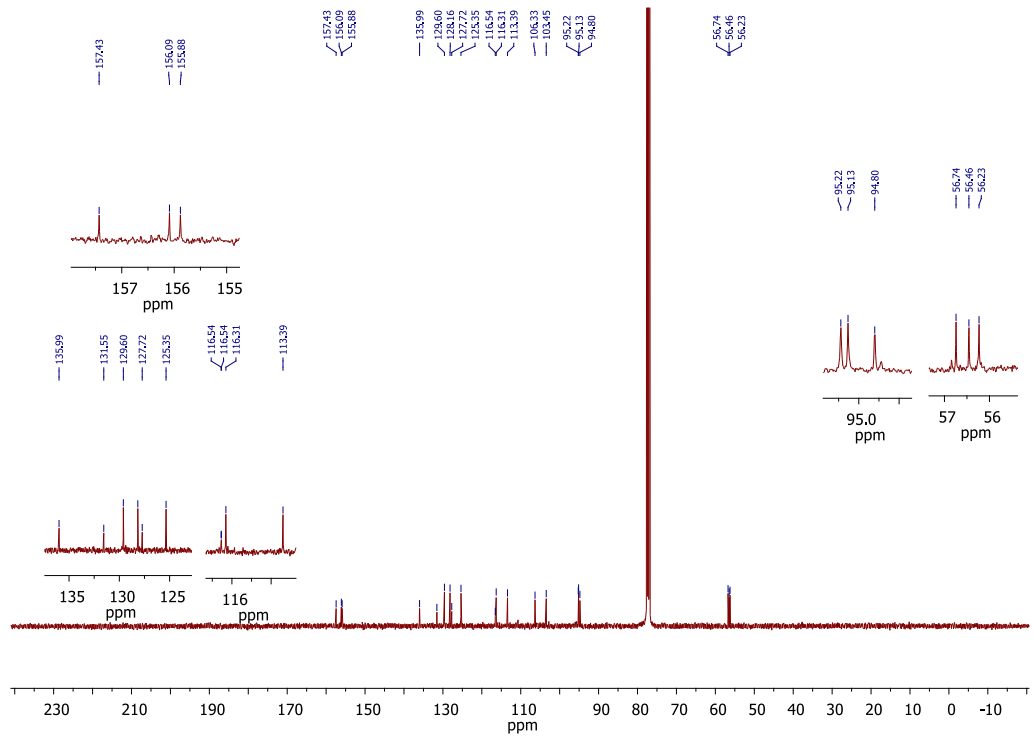
2,4,6-tris(methoxymethoxy)phenanthrene



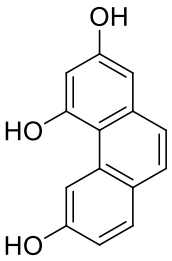
^{1}H NMR:



^{13}C NMR:



Phenanthrene-2,4,6-triol.



^{1}H NMR: