

Bis - EDOT end capped by n-hexyl or n-hexylsulfanyl groups: Effect of the substituents on the stability of the oxidized states

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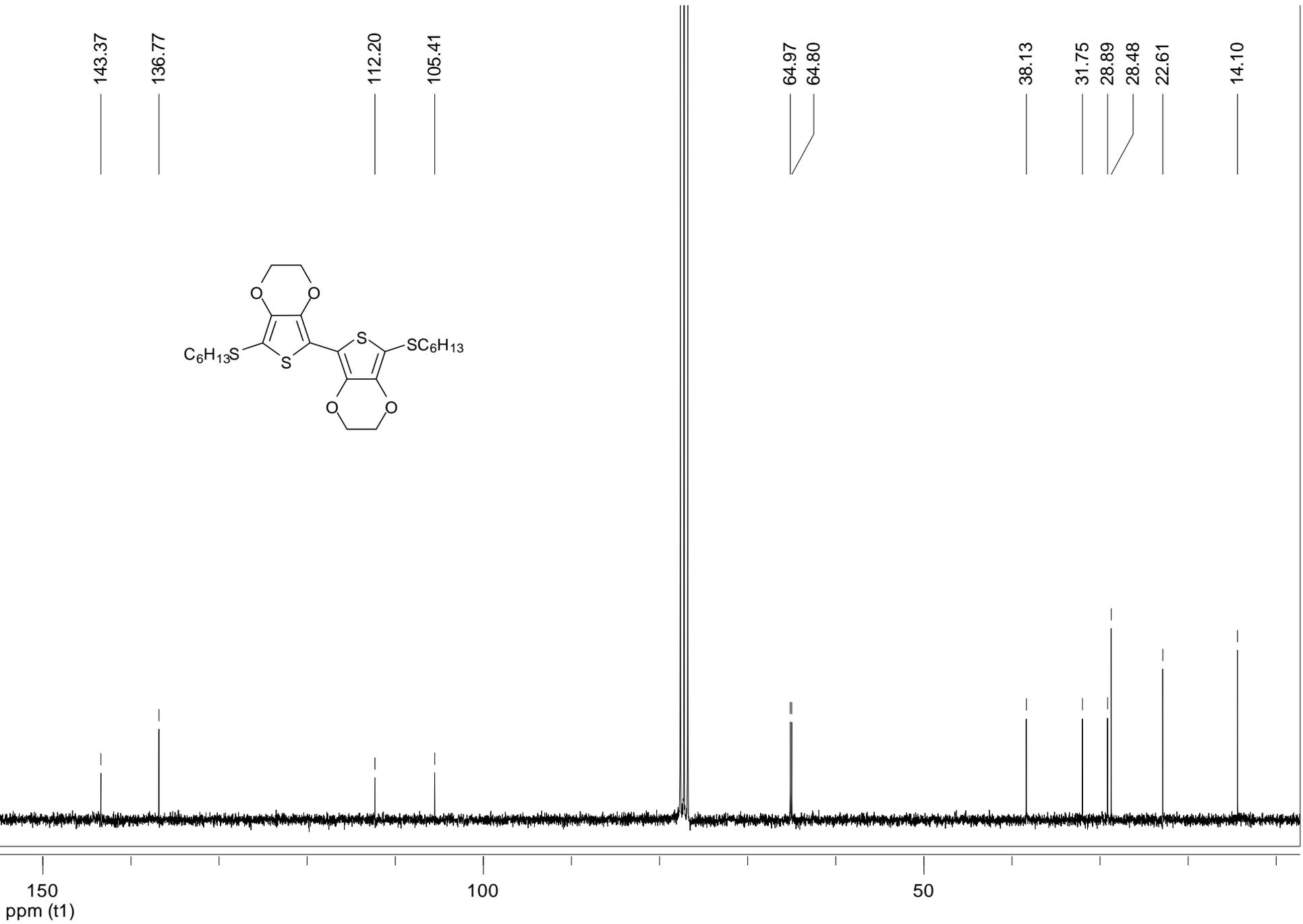
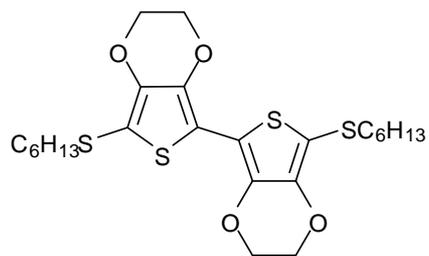
a) University of Angers, MOLTECH-Anjou UMR CNRS 6200, 2 boulevard Lavoisier, 49045 Anger cedex, France

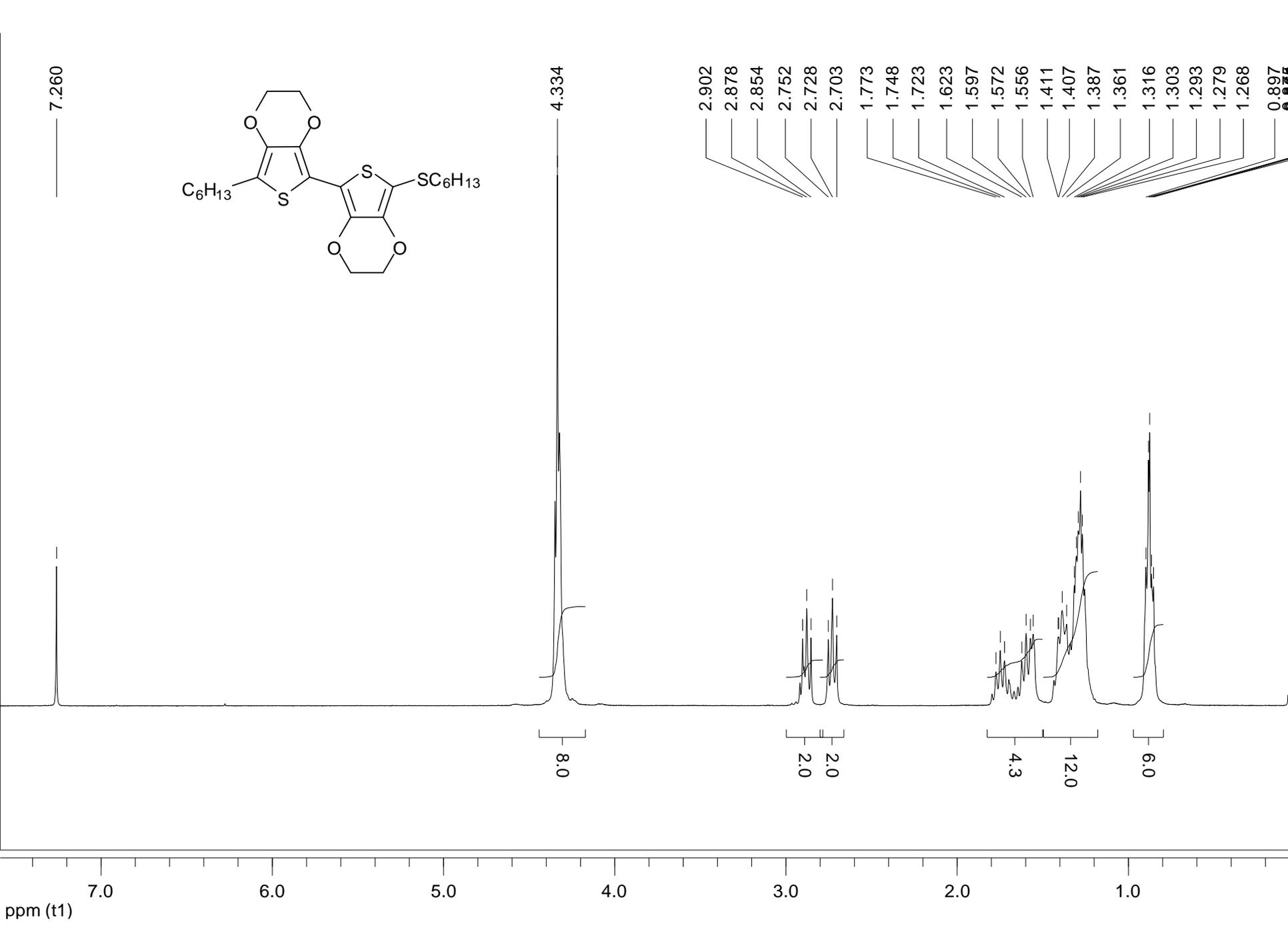
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Supplementary information

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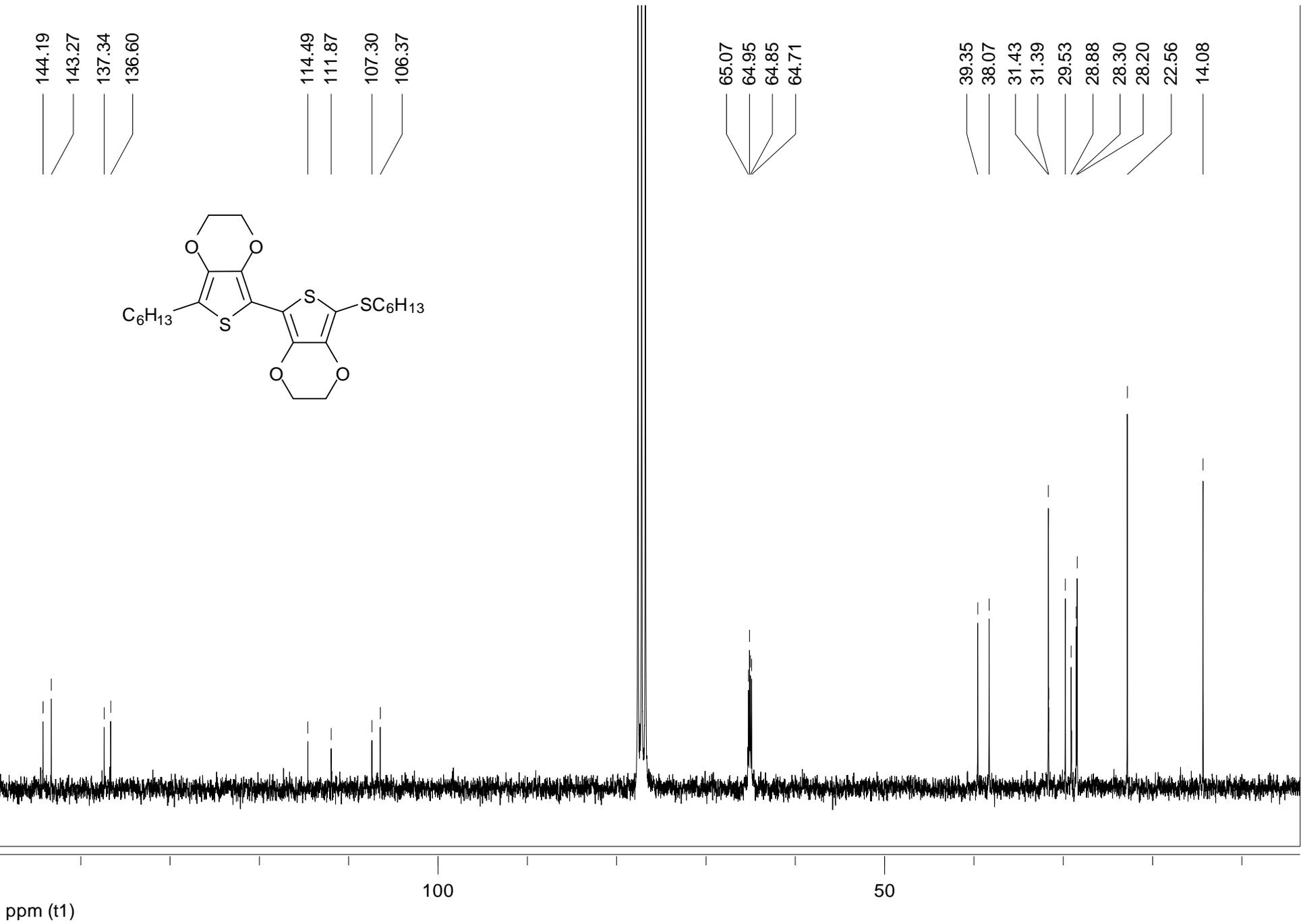
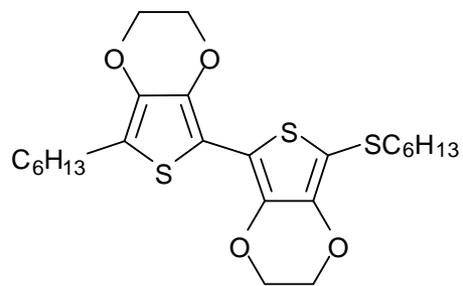


144.19
143.27
137.34
136.60

114.49
111.87
107.30
106.37

65.07
64.95
64.85
64.71

39.35
38.07
31.43
31.39
29.53
28.88
28.30
28.20
22.56
14.08



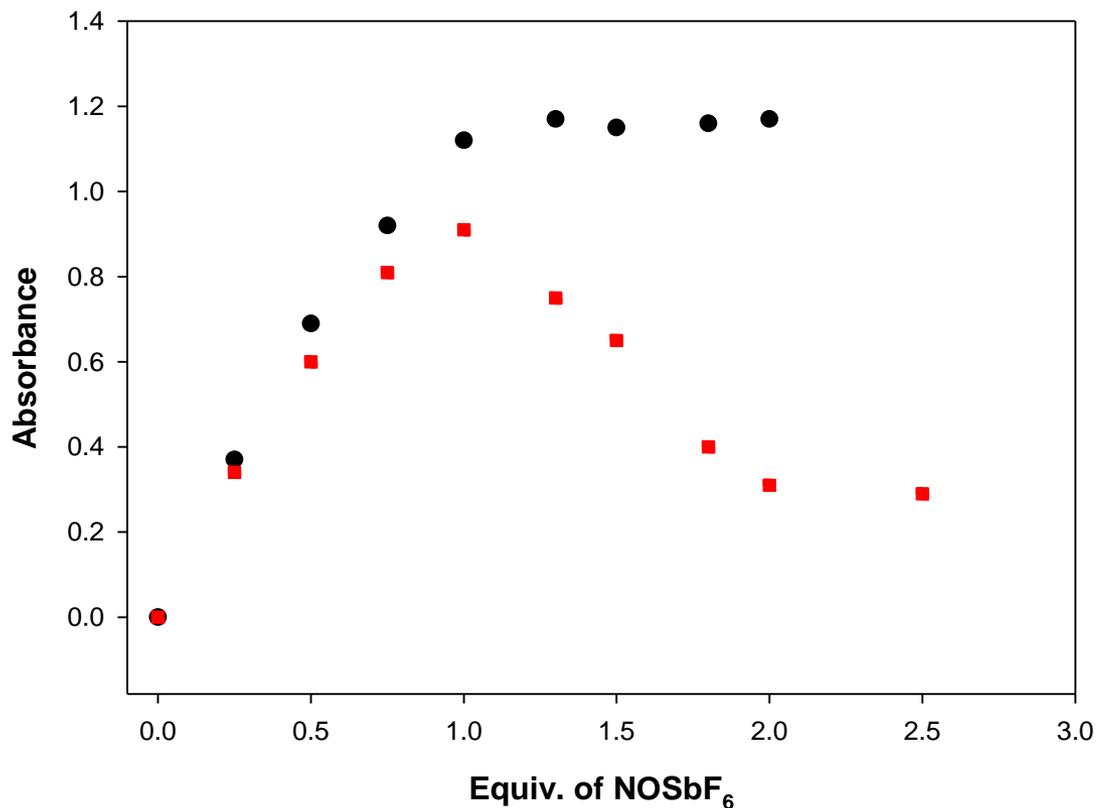
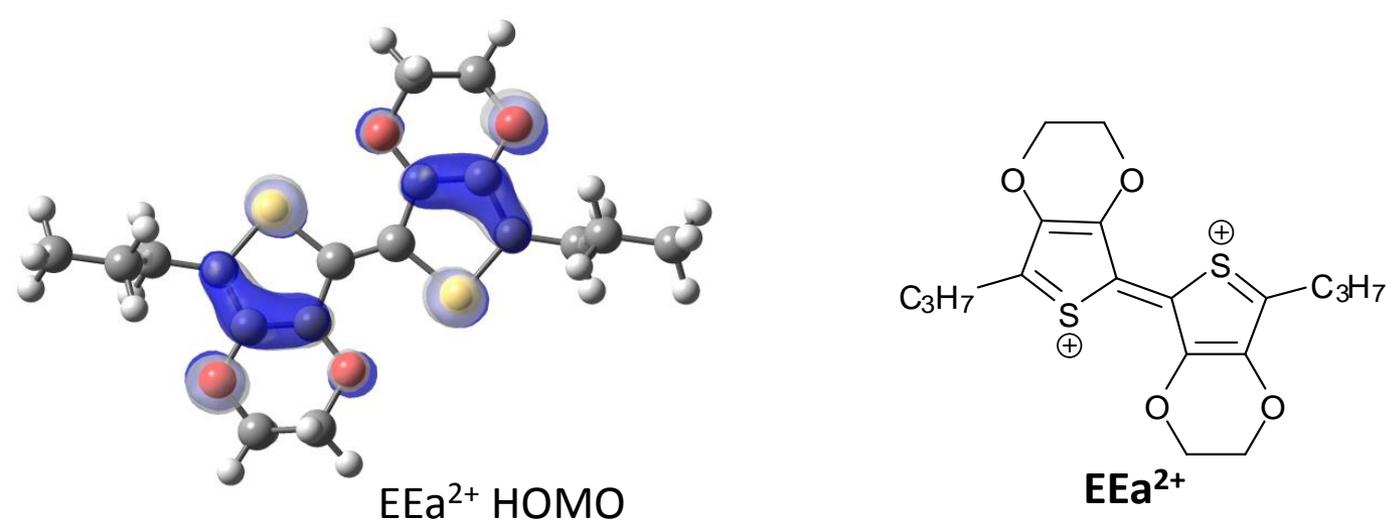
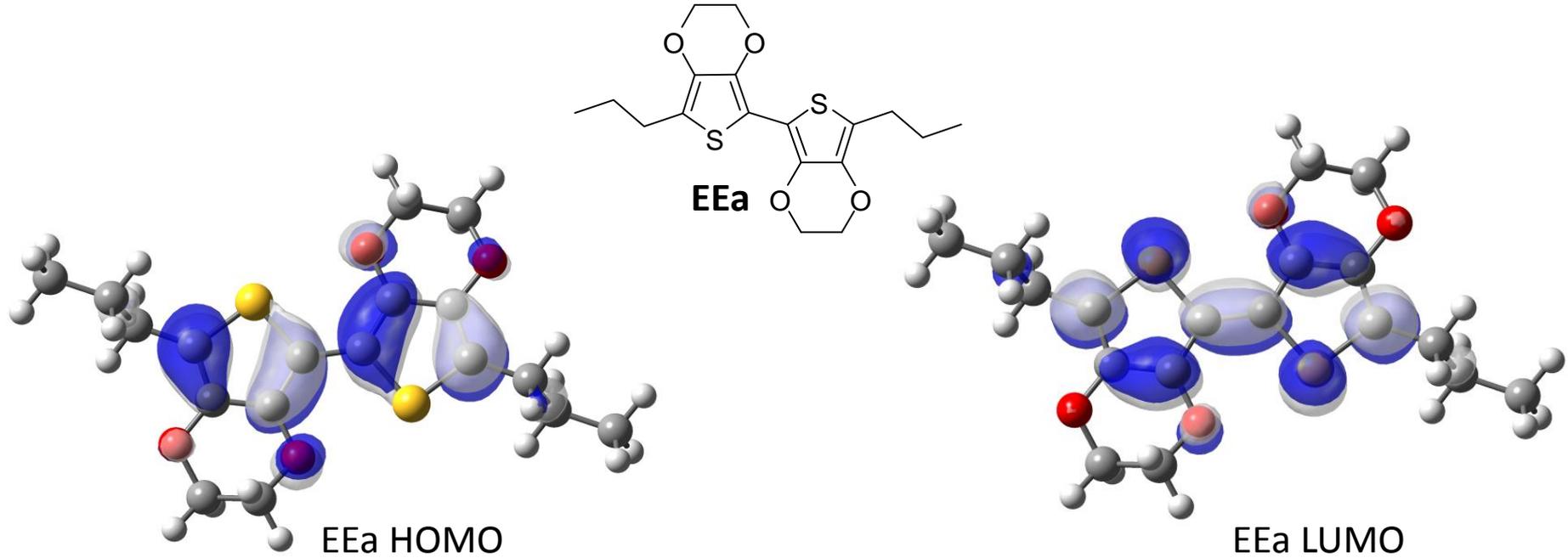
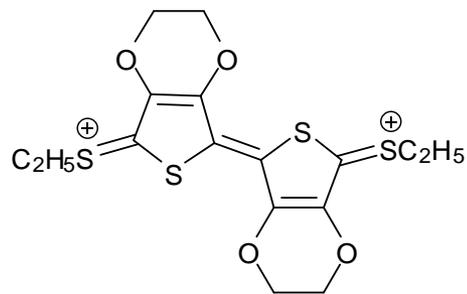
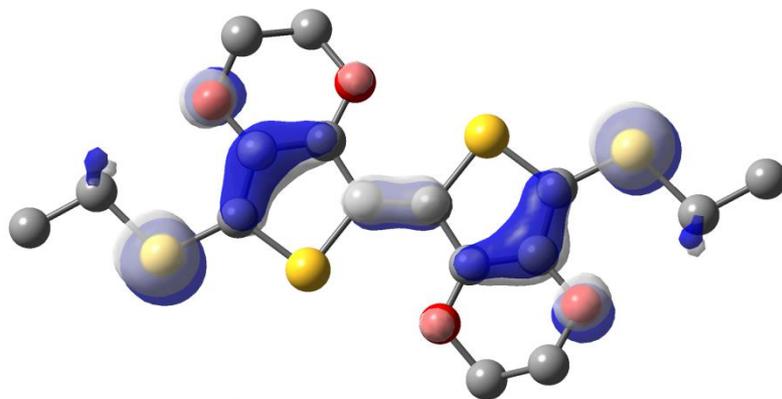
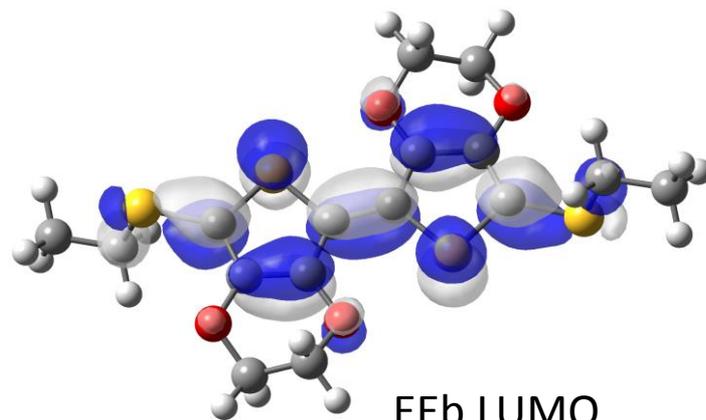
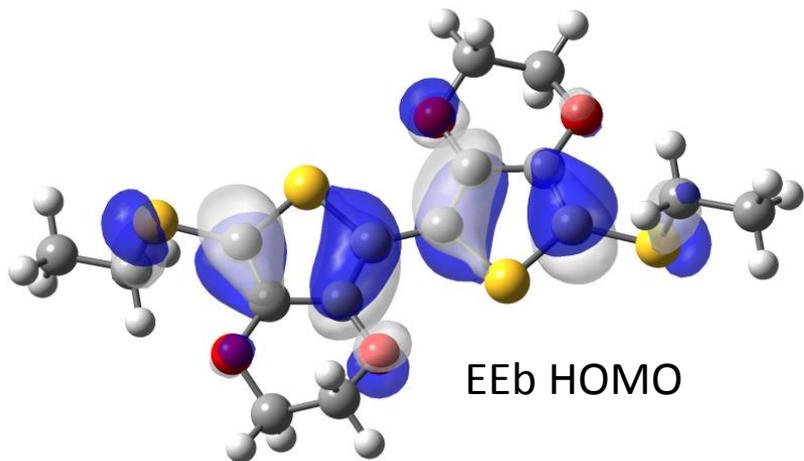
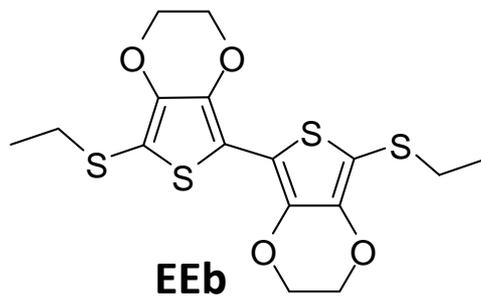
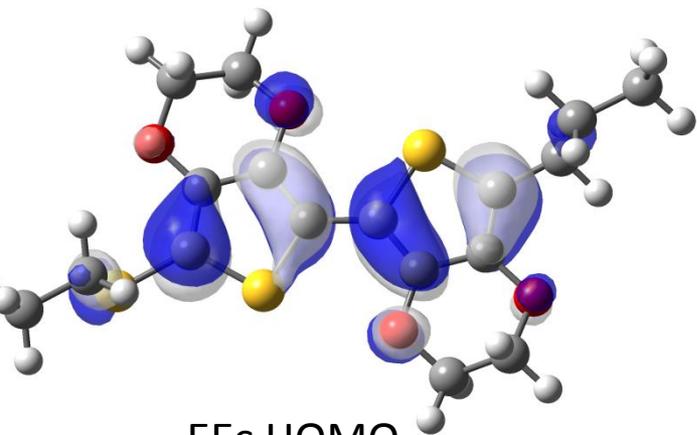


Figure S1 : Evolution of absorbance at $\lambda = 440$ nm (A_{440} black circle) for **EEa** 10^{-4} M in CH_2Cl_2 and at $\lambda = 510$ nm (A_{510} red square) for **EEb** 10^{-4} M in CH_2Cl_2 during the stepwise addition of NOSbF_6

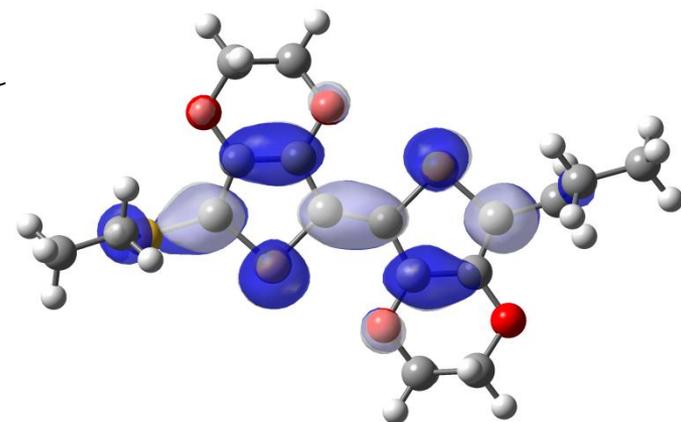
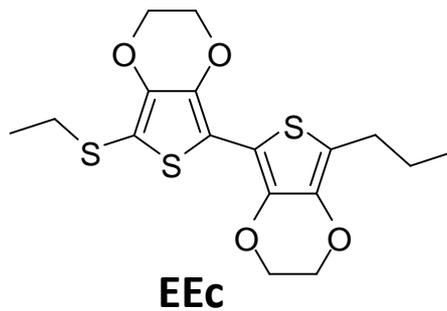
NOSbF_6 (10^{-2} M in CH_3CN) was added with a microsyringe to 5mL of **EEa** or **EEb** solution 10^{-4} M in CH_2Cl_2 . 1 equivalent of NOSbF_6 corresponds to 50 μL of oxidant solution.



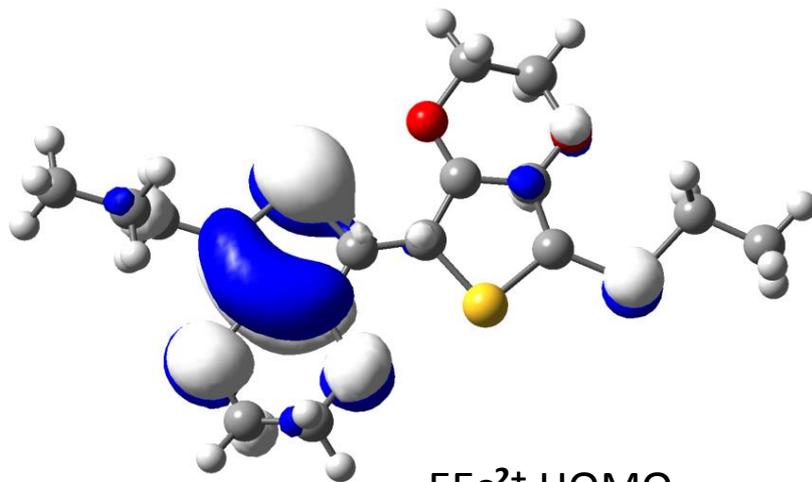




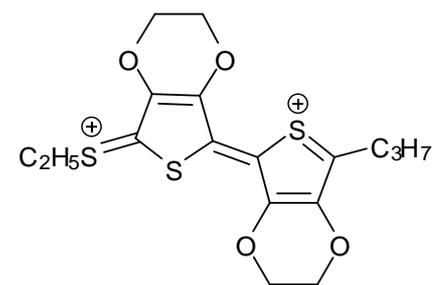
EEc HOMO



EEc LUMO



EEc²⁺ HOMO



EEc²⁺