

Supplementary Materials

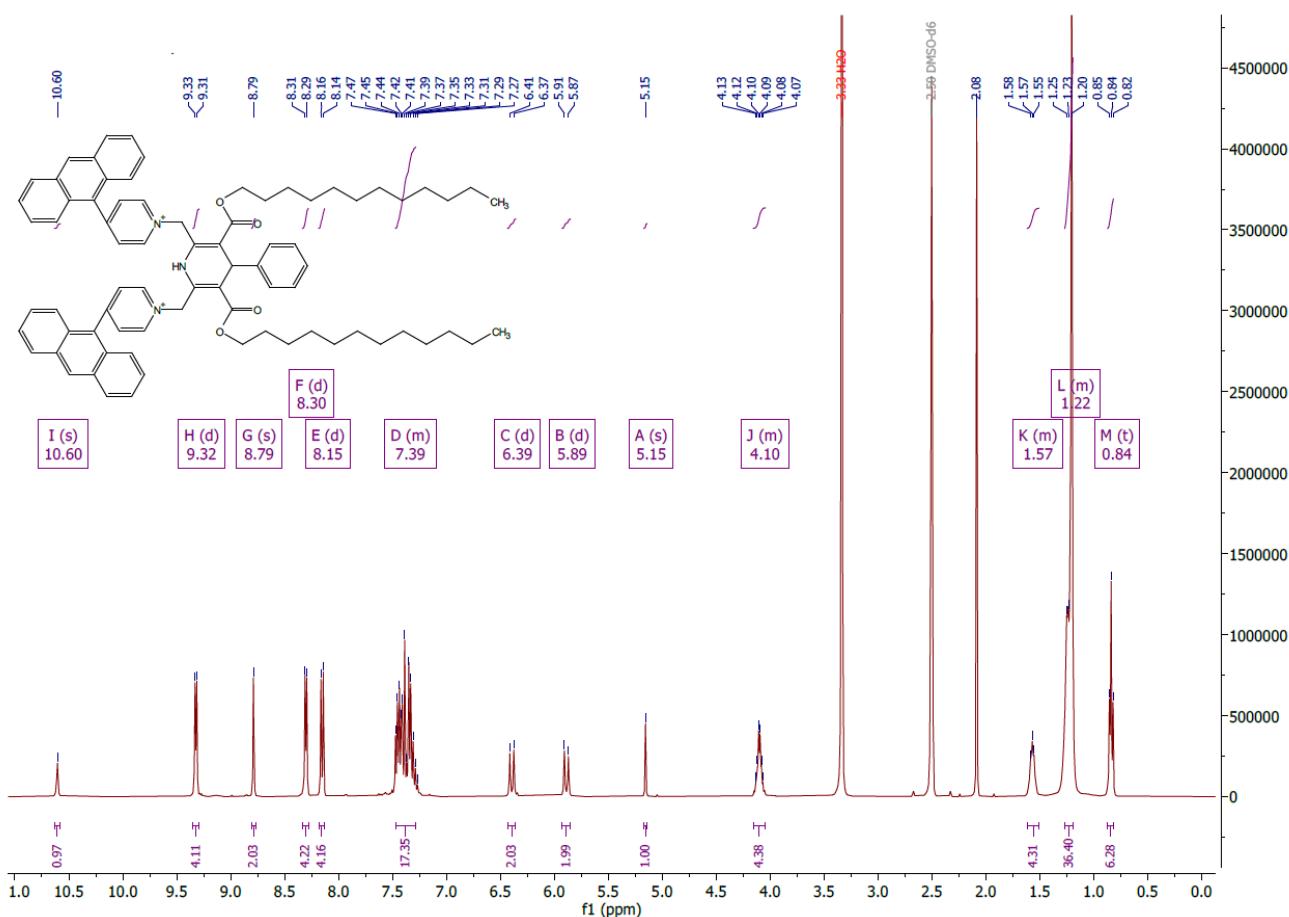
# 1,1'-{[3,5-Bis((dodecyloxycarbonyl)-4-phenyl-1,4-dihydropyridine-2,6-diyl]bis(methylene)}bis[4-(anthracen-9-yl)pyridin-1-ium] Dibromide

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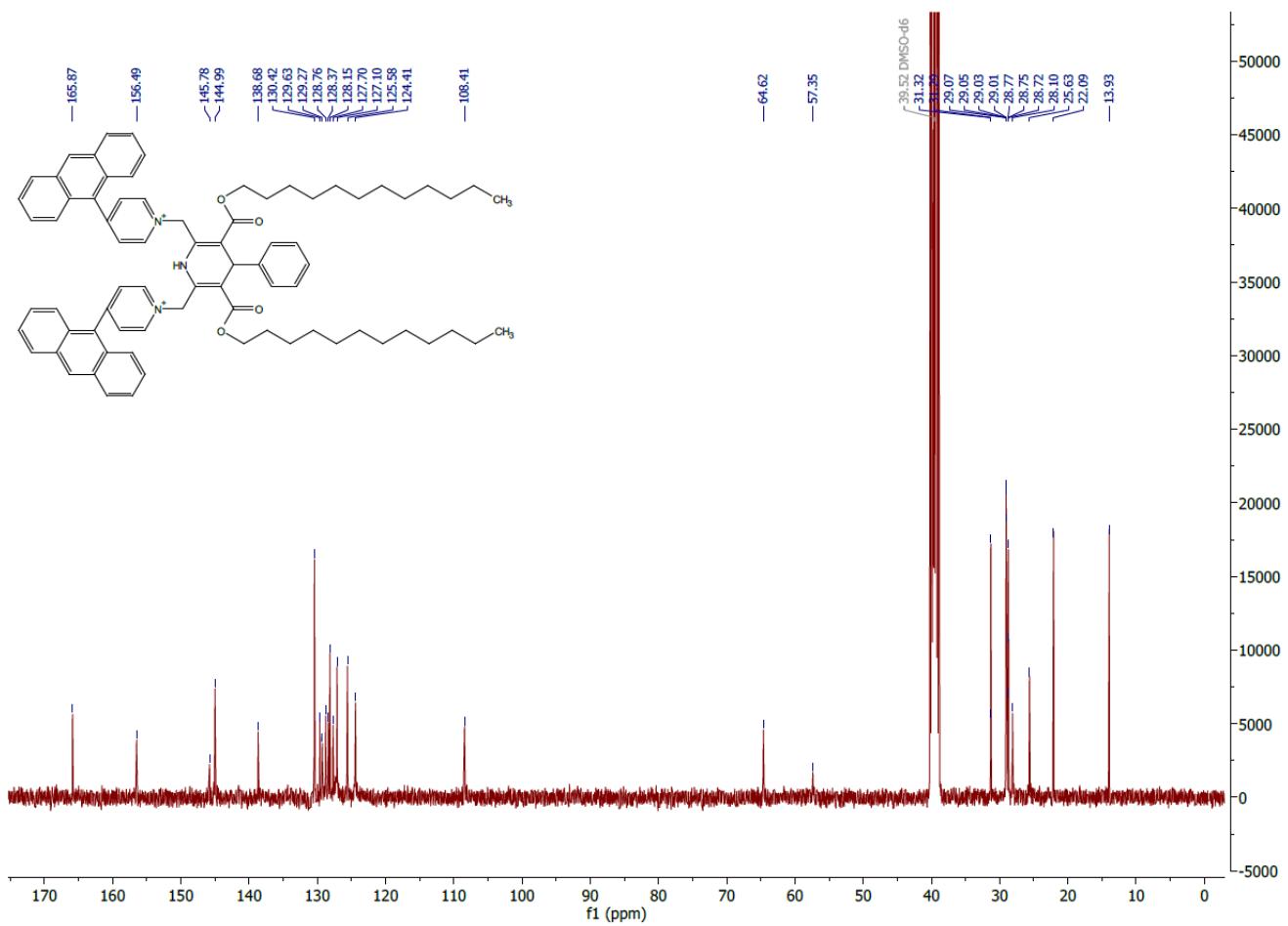
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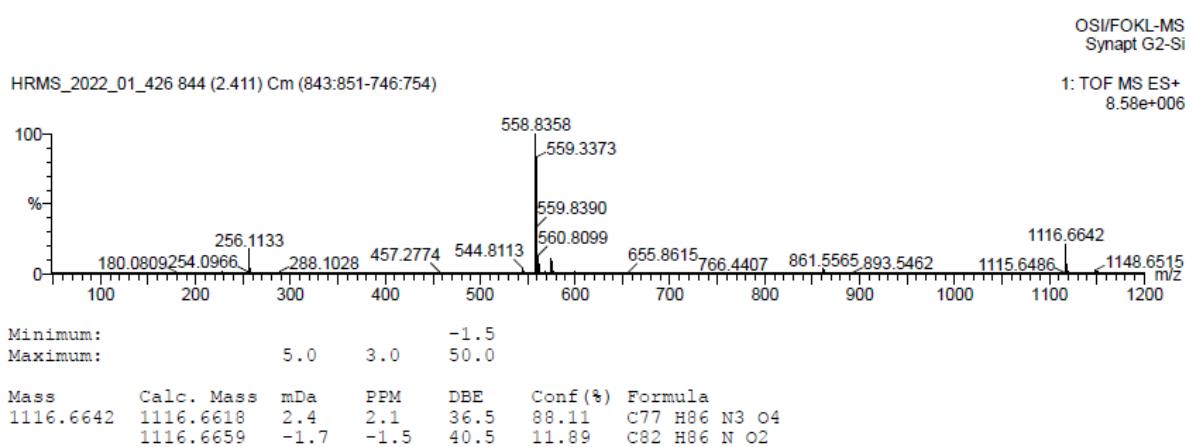
\* Correspondence: rucins@osi.lv



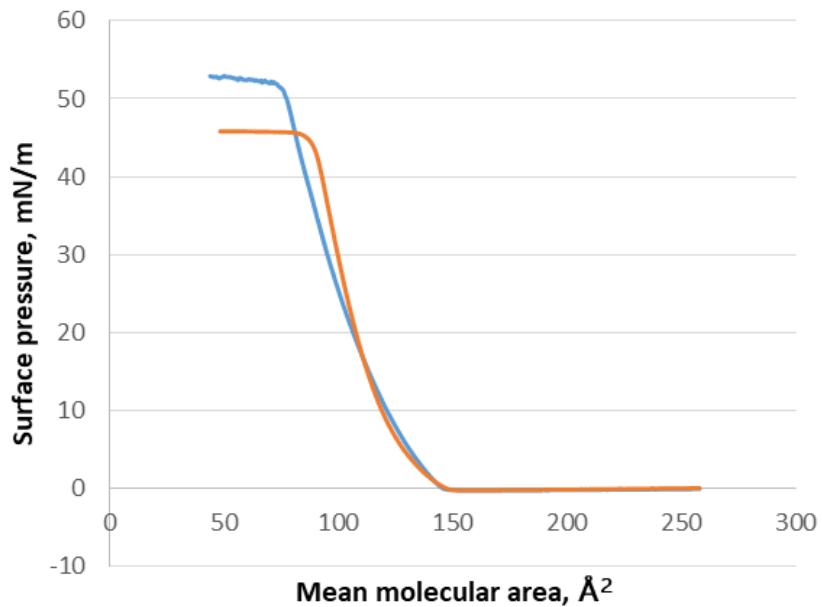
**Figure S1.** <sup>1</sup>H NMR spectrum of 1,1'-{[3,5-bis((dodecyloxycarbonyl)-4-phenyl-1,4-dihydropyridine-2,6-diyl]bis(methylene)}bis[4-(anthracen-9-yl)pyridin-1-ium] dibromide (**4**)



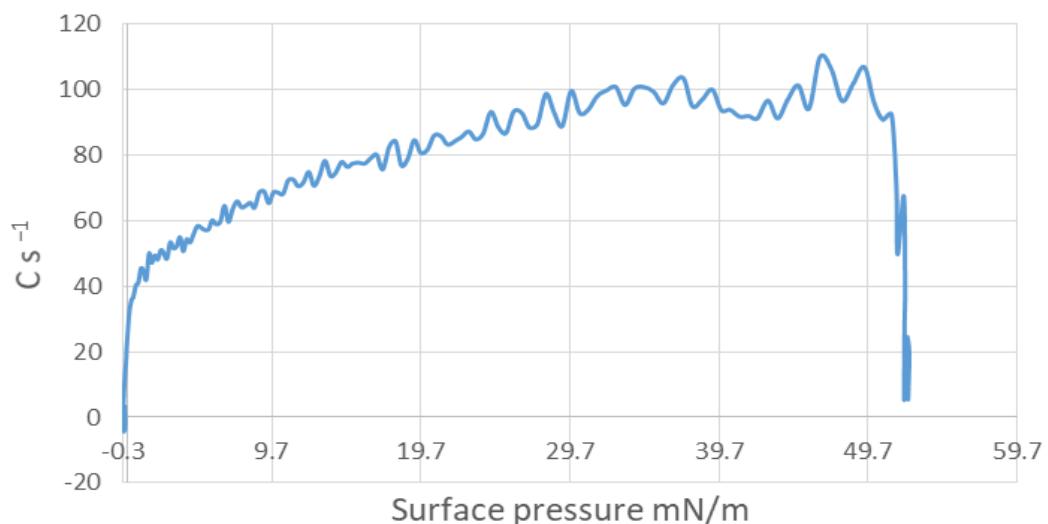
**Figure S2.**  $^{13}\text{C}$  NMR spectrum of 1,1'-{[3,5-bis((dodecyloxycarbonyl)-4-phenyl-1,4-dihydropyridine-2,6-diyl]bis(methylene)}bis[4-(anthracen-9-yl)pyridin-1-ium] dibromide (**4**)



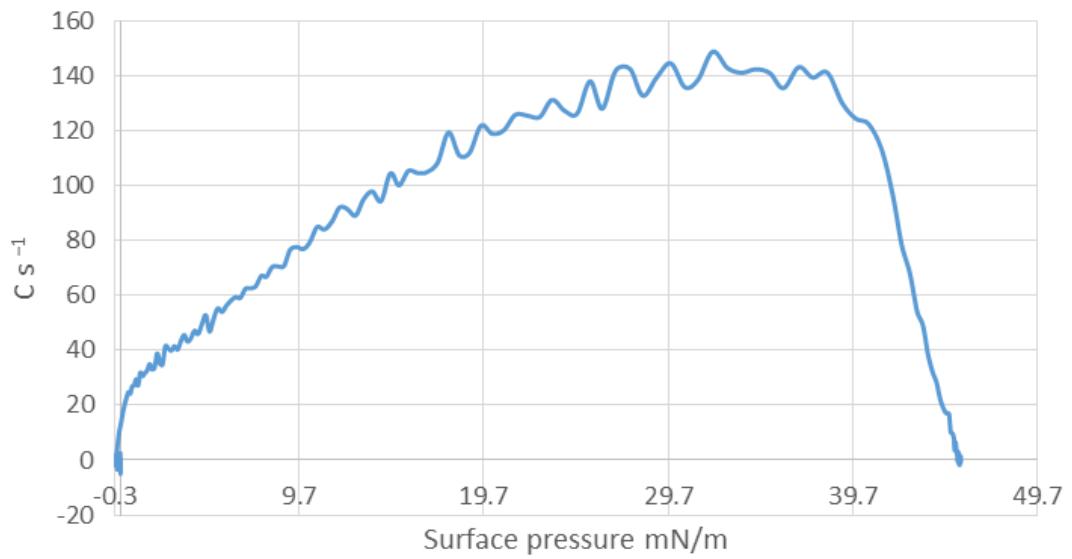
**Figure S3.** HRMS data of 1,1'-{[3,5-bis((dodecyloxycarbonyl)-4-phenyl-1,4-dihydropyridine-2,6-diyl]bis(methylene)}bis[4-(anthracen-9-yl)pyridin-1-ium] dibromide (**4**)



**Figure S4.** 1,4-DHP amphiphiles **4** (blue) and **5** (orange) surface pressure – mean molecular area isotherms at  $23\pm1^\circ\text{C}$ .



**Figure S5.** Compressibility modulus-surface pressure dependences obtained for the 1,4-DHP amphiphile **5** monolayer.



**Figure S6.** Compressibility modulus-surface pressure dependences obtained for the 1,4-DHP amphiphile **4** monolayer.