Supporting Information

Synthesis, Characterization and Self-Assembly of a Tetrathiafulvalene (TTF)-Triglycyl Derivative

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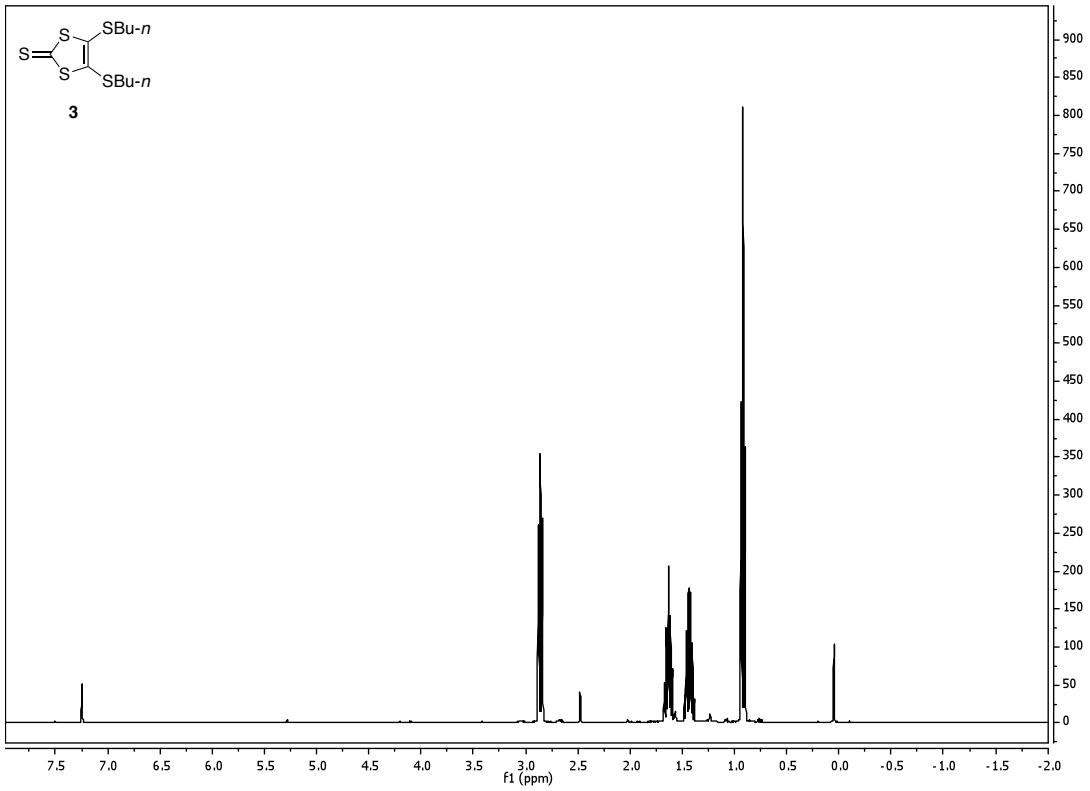
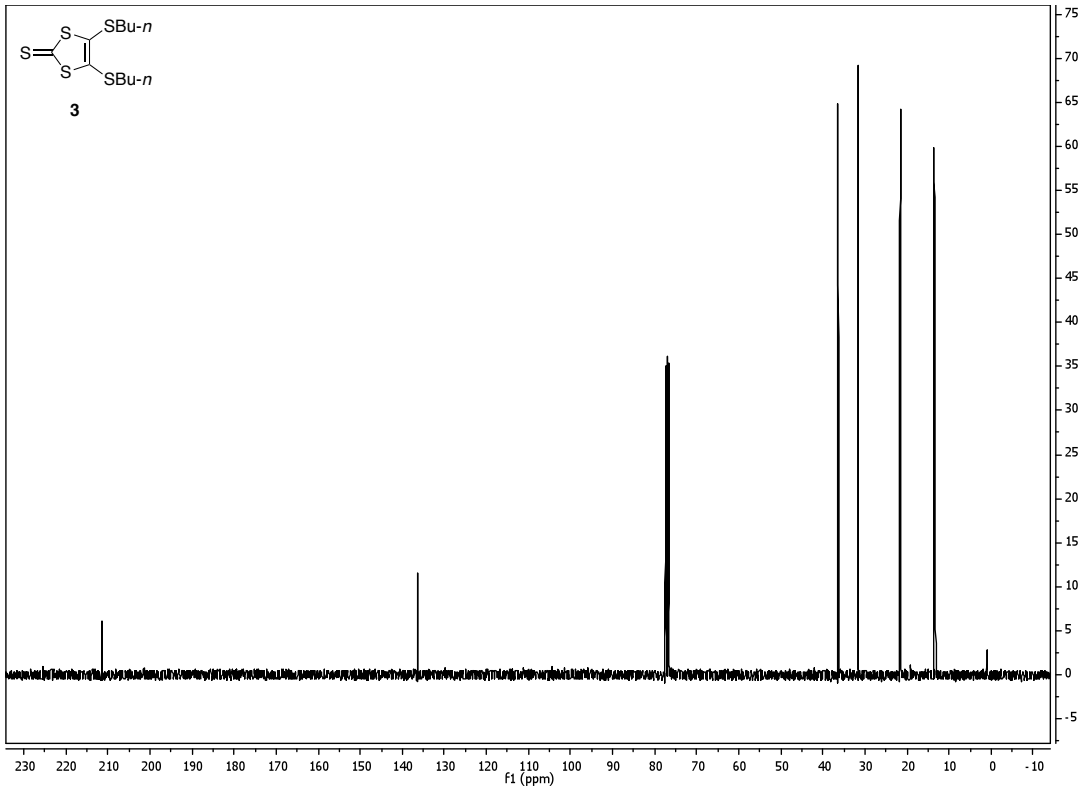
1. NMR spectra of compounds

^{1}H NMR ($CDCl_3$)



^{13}C NMR ($CDCl_3$)



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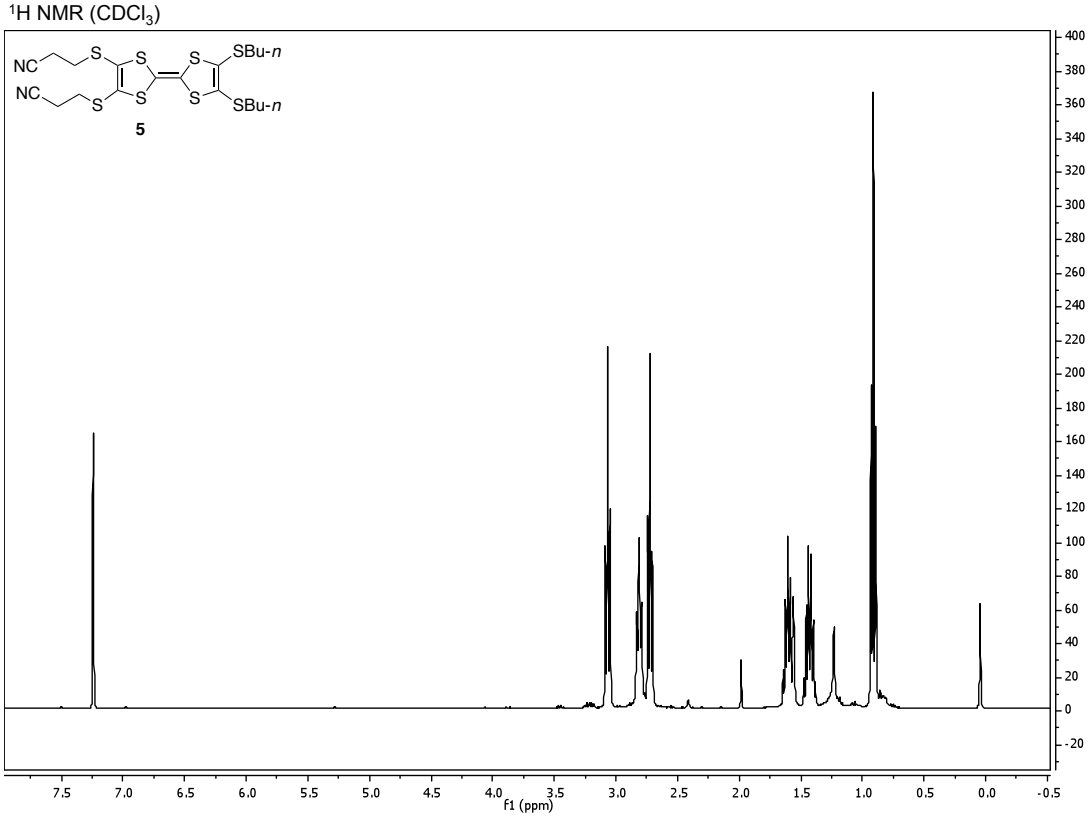
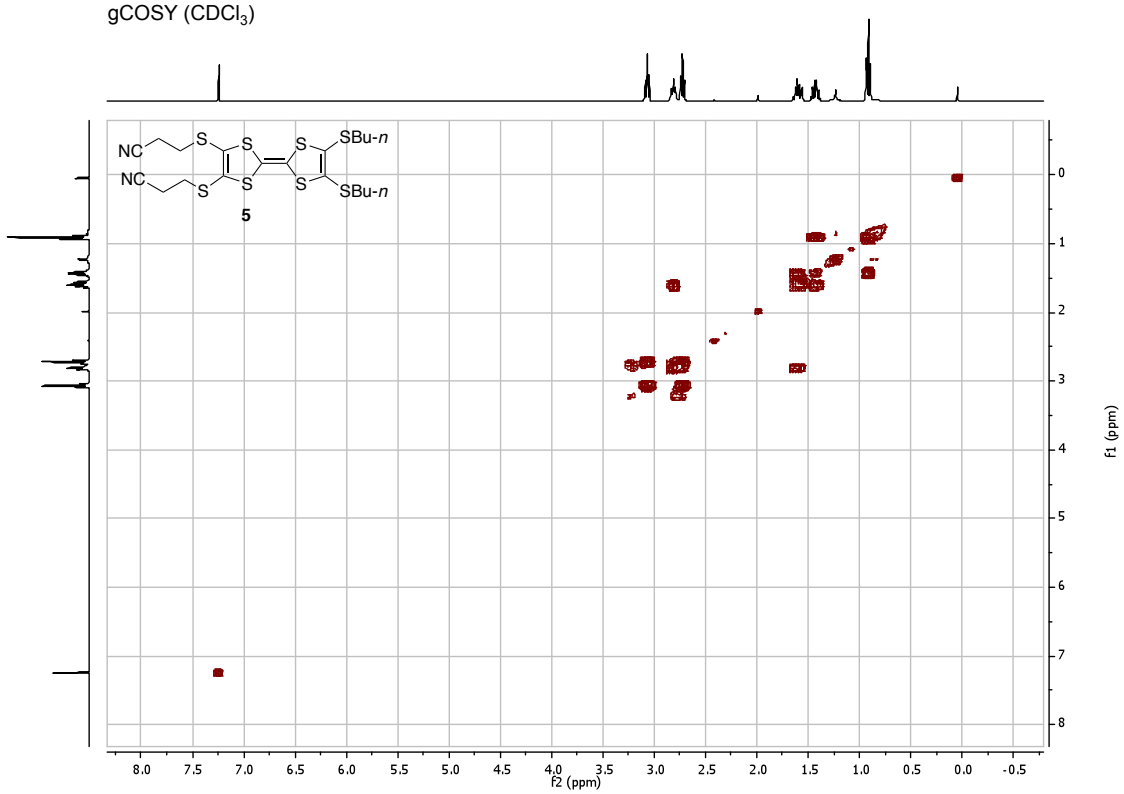


gCOSY ($CDCl_3$)



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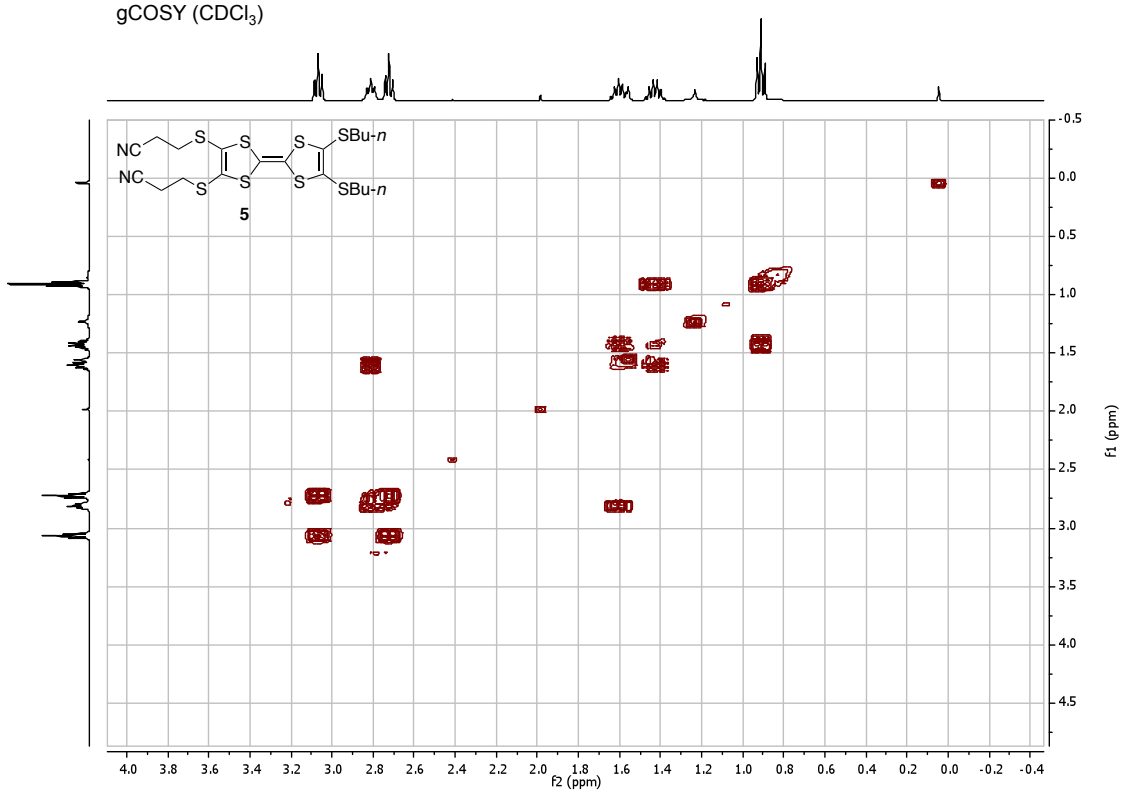

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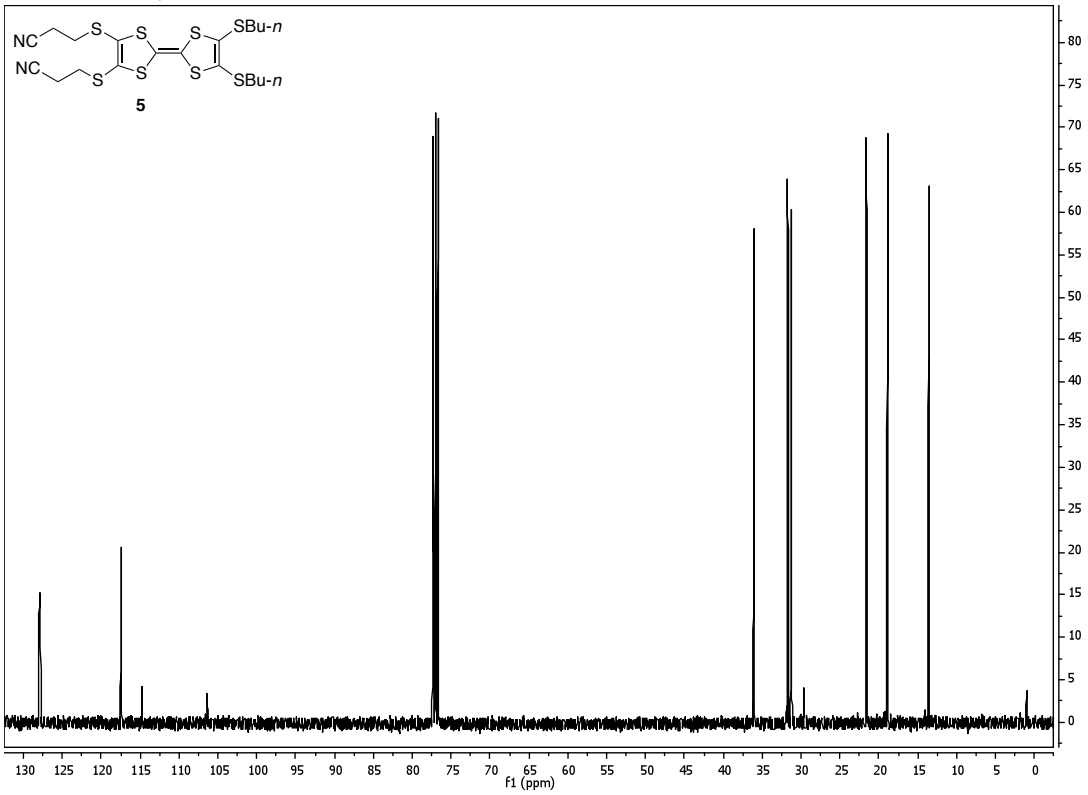

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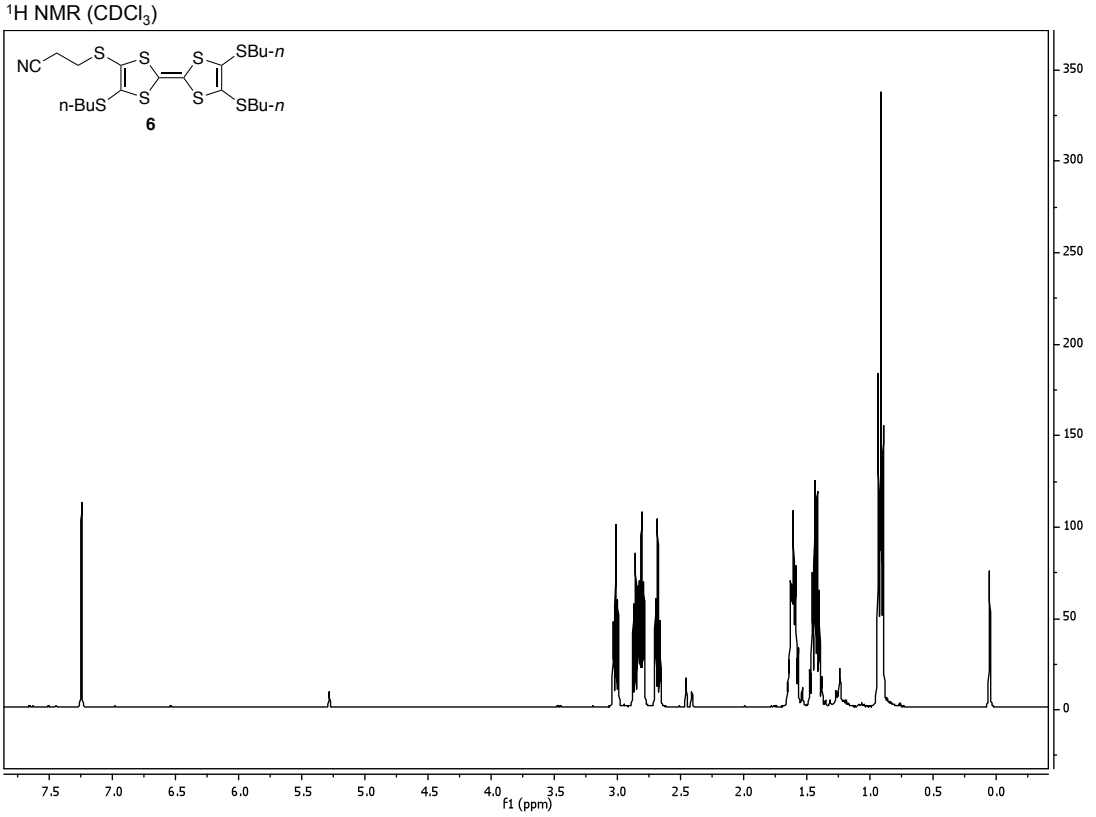

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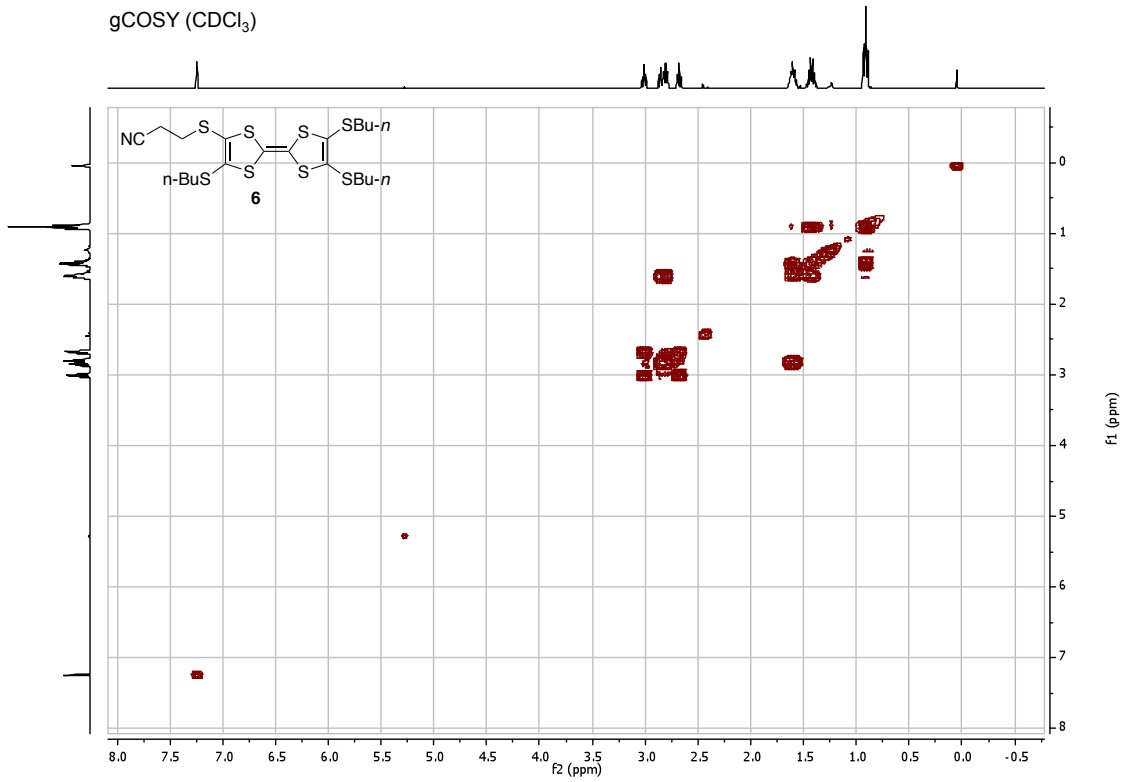
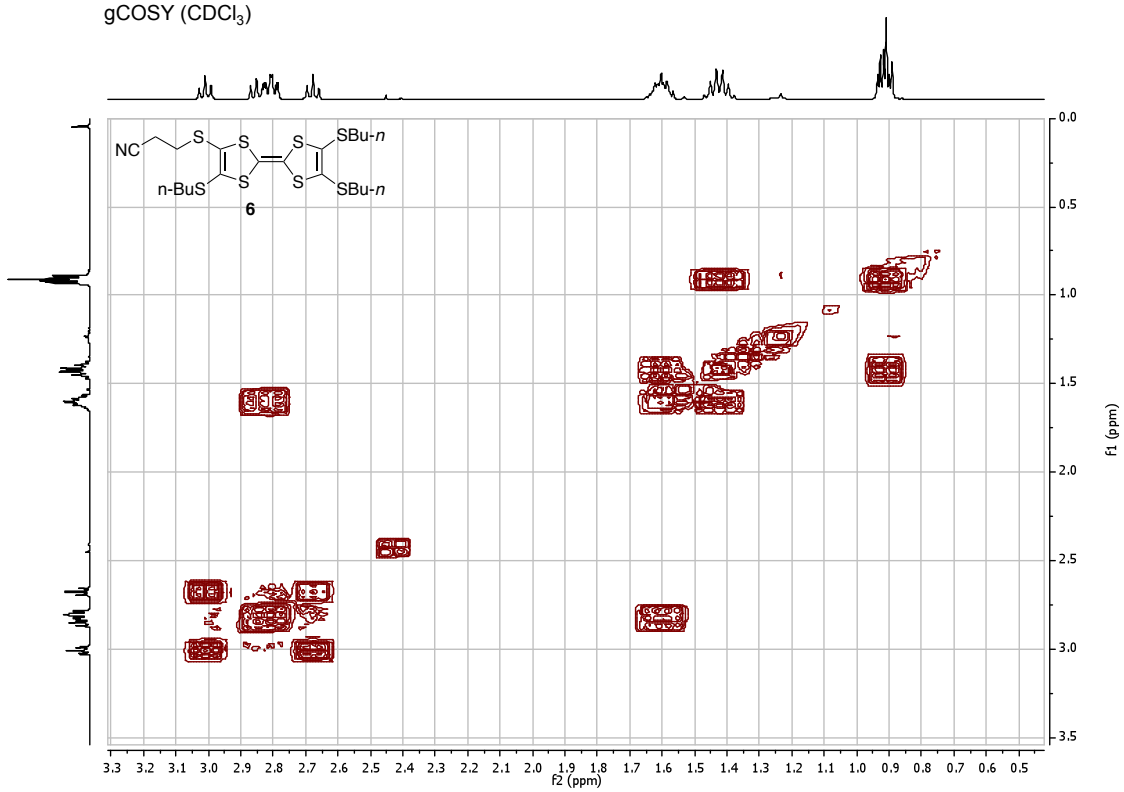


gCOSY ($CDCl_3$)



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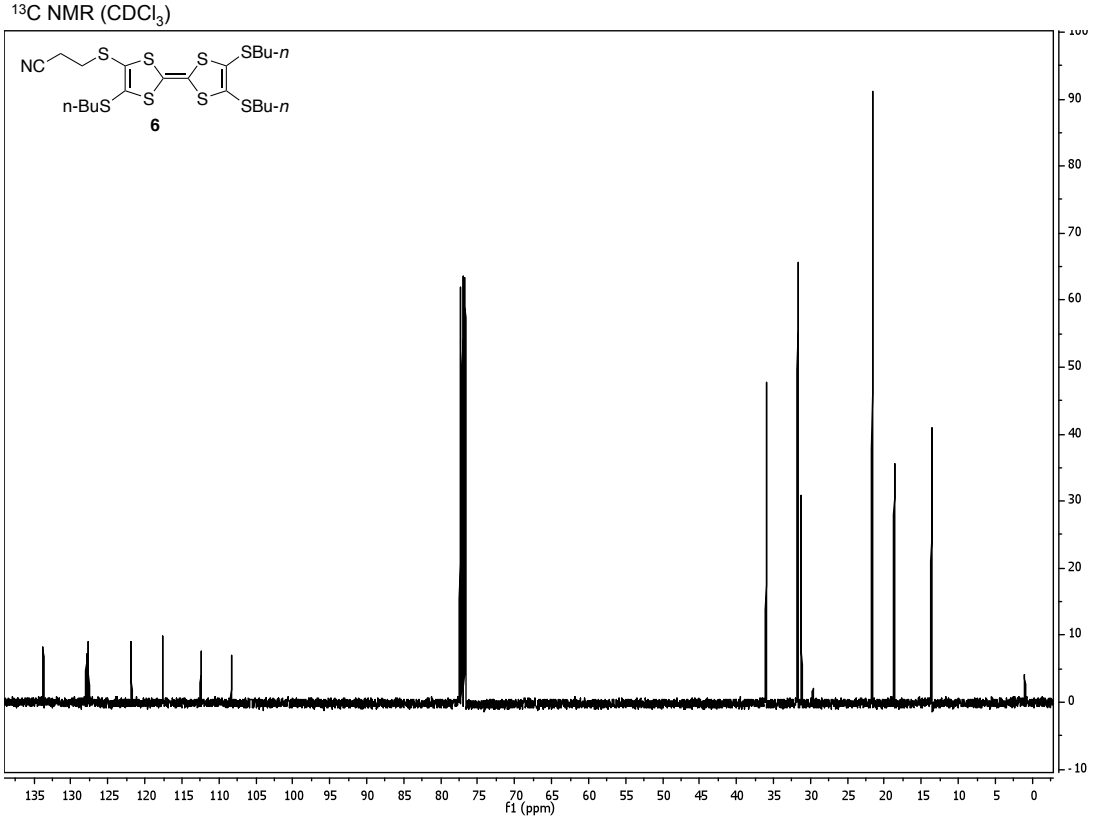

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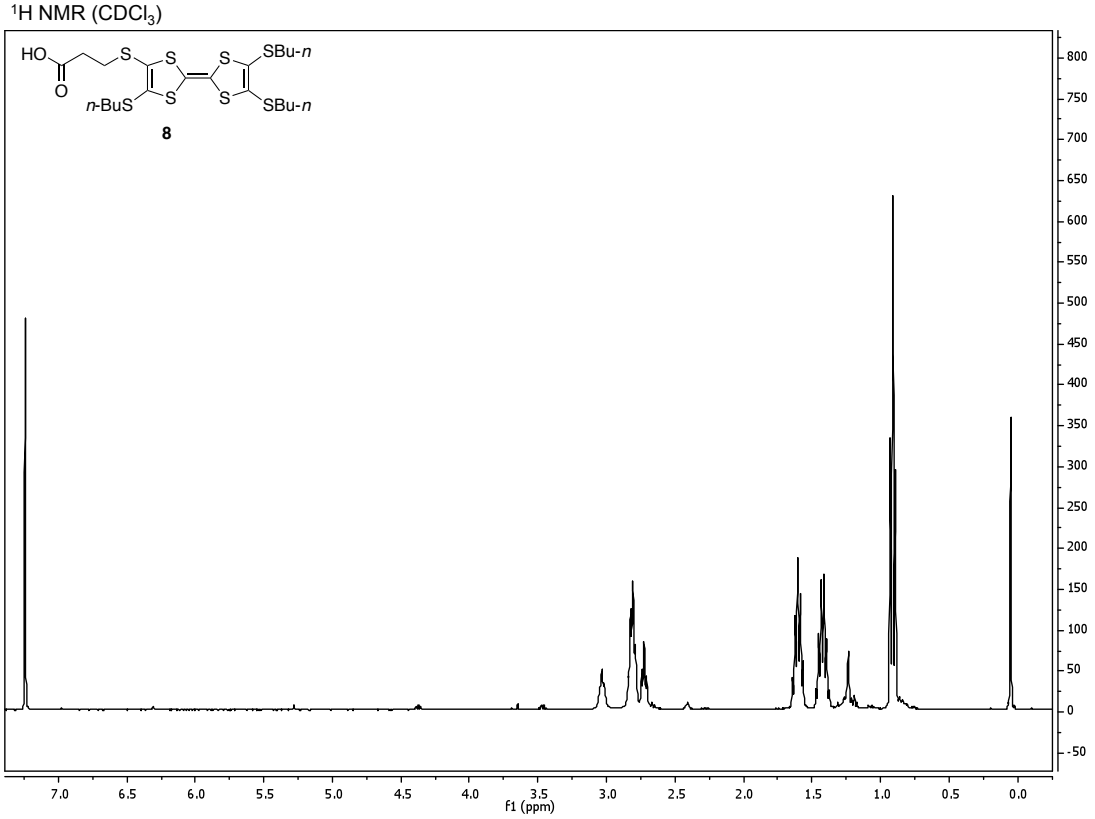
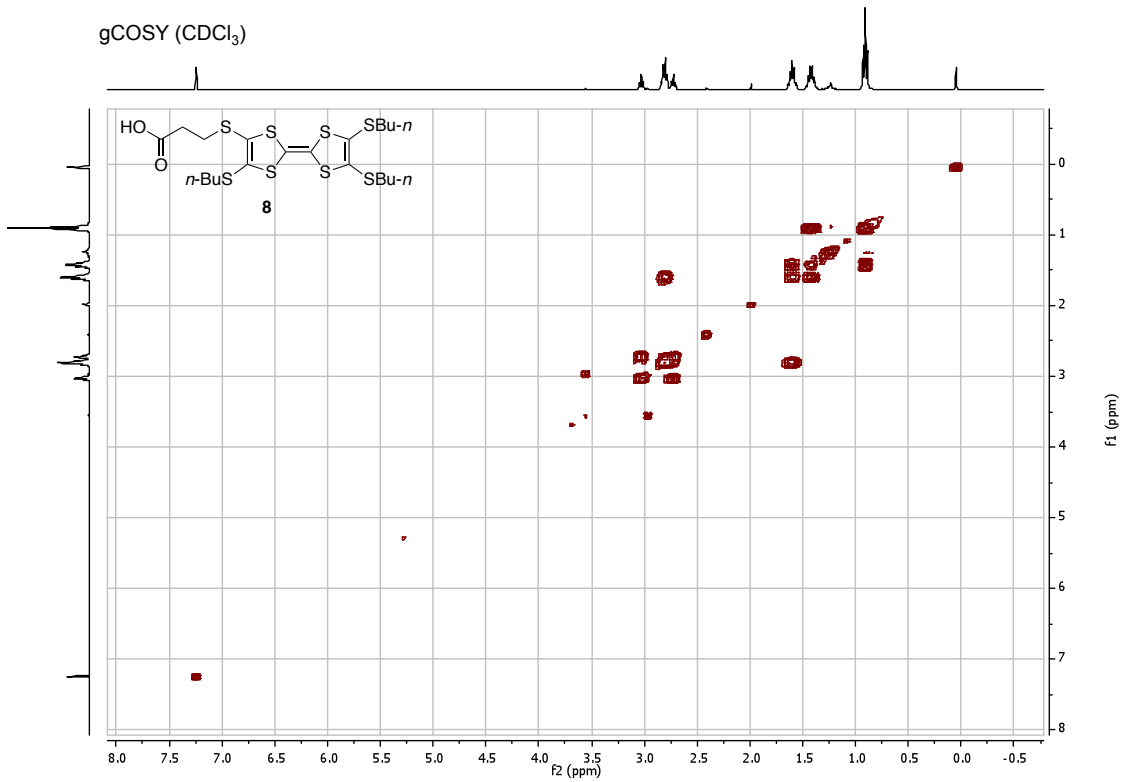


gCOSY ($CDCl_3$)



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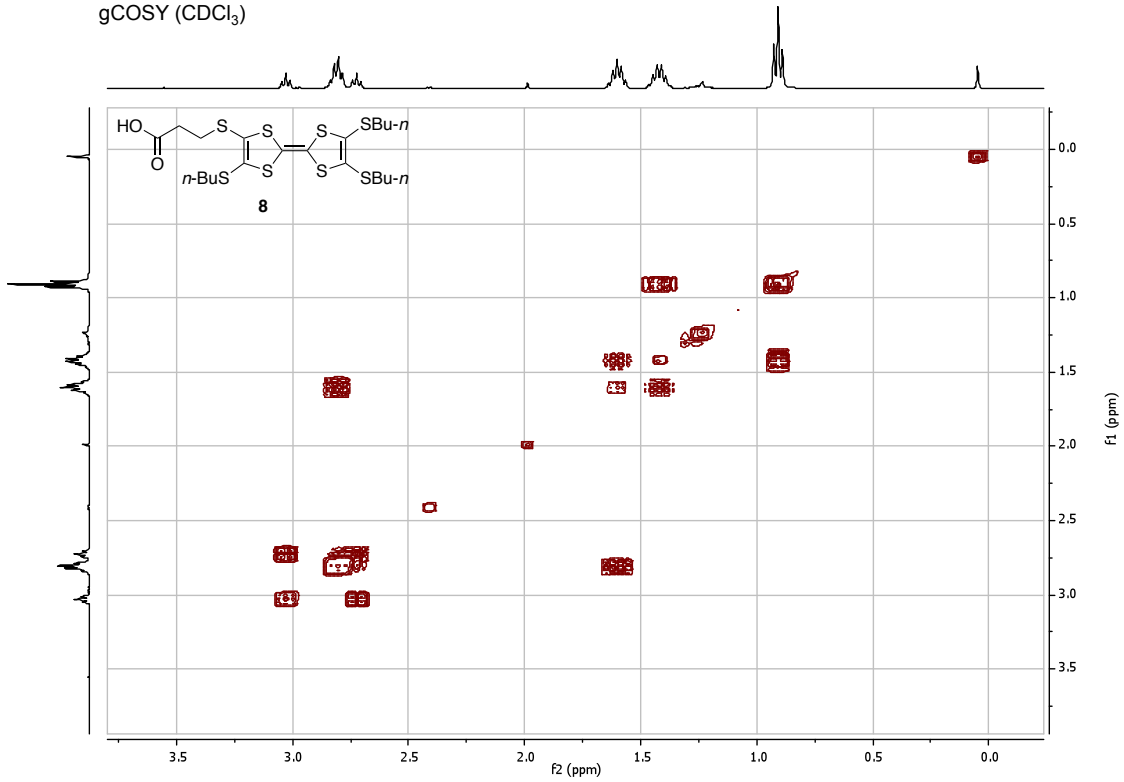
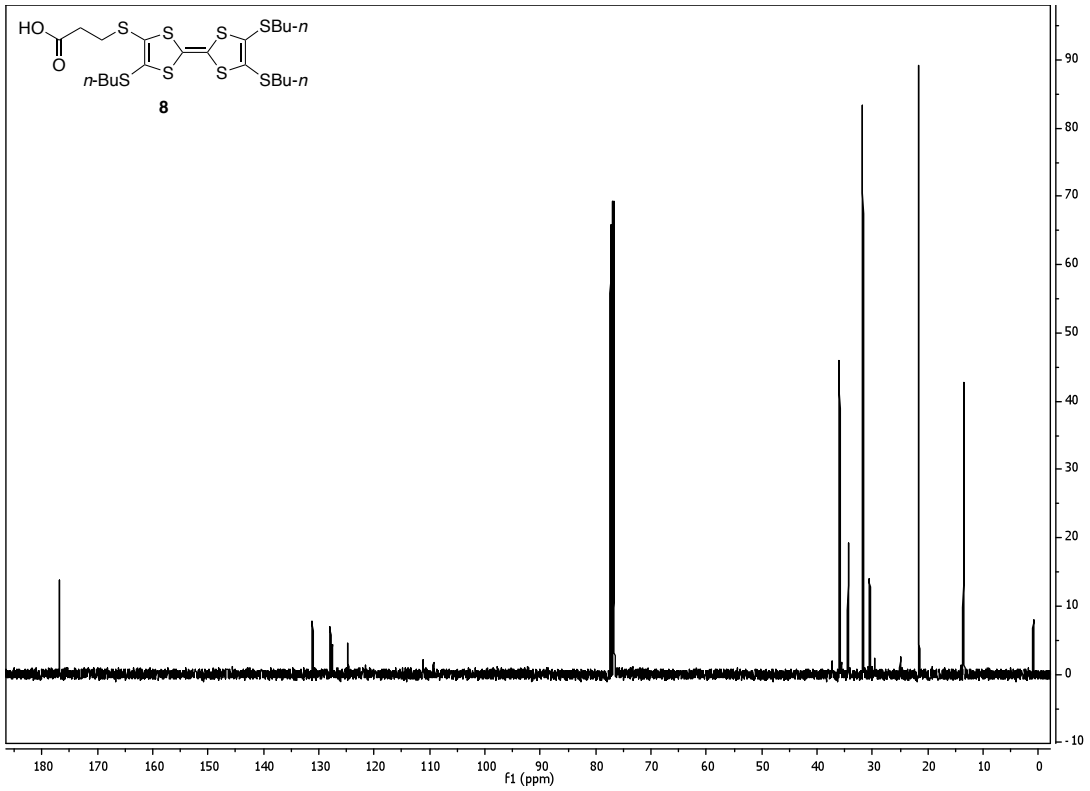


^{13}C NMR ($CDCl_3$)



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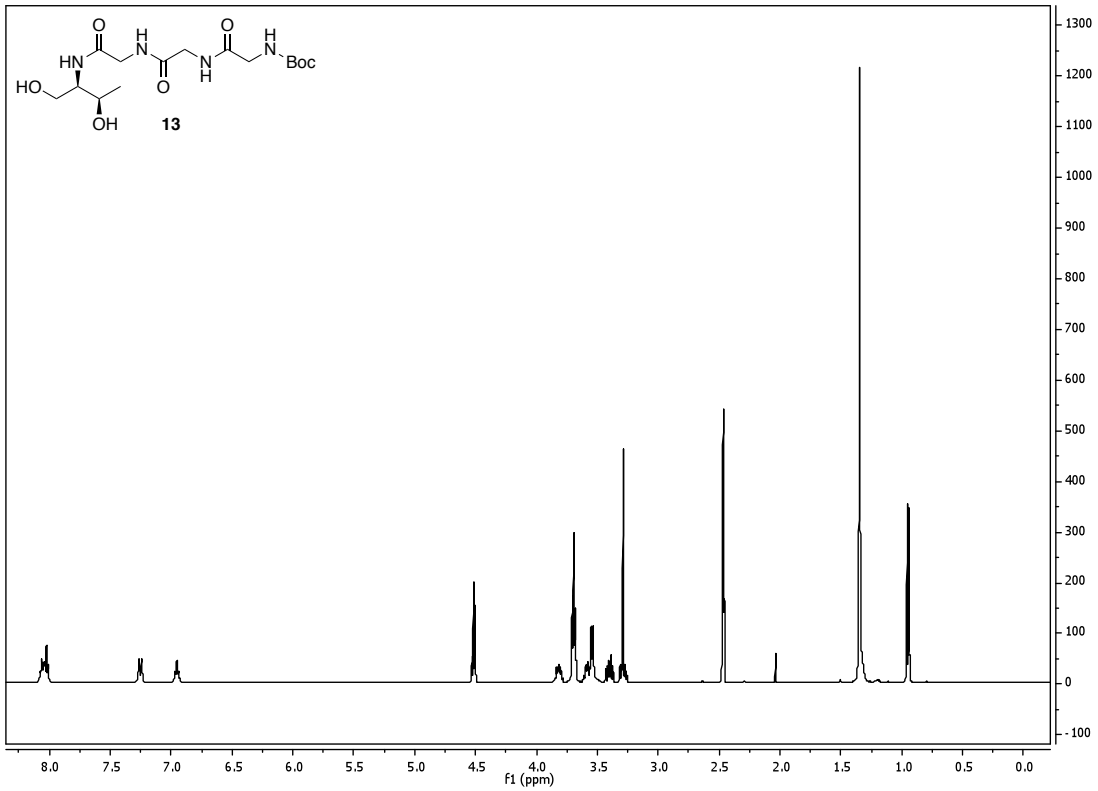
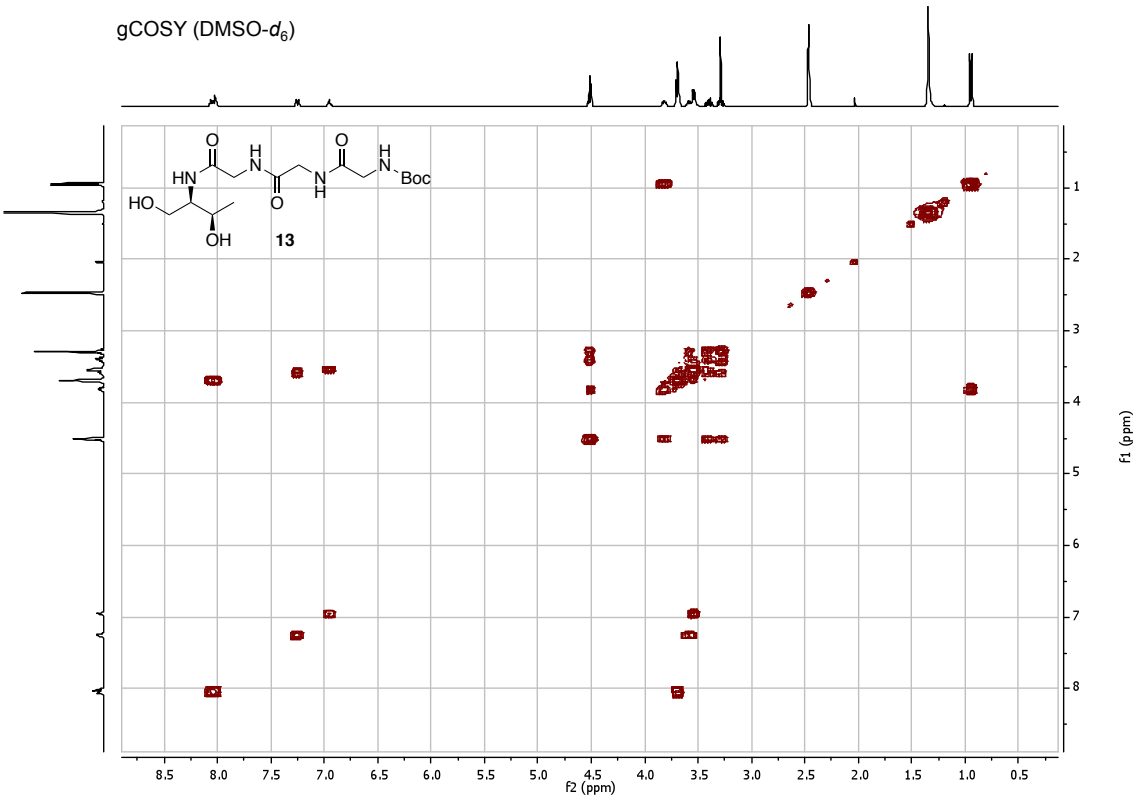
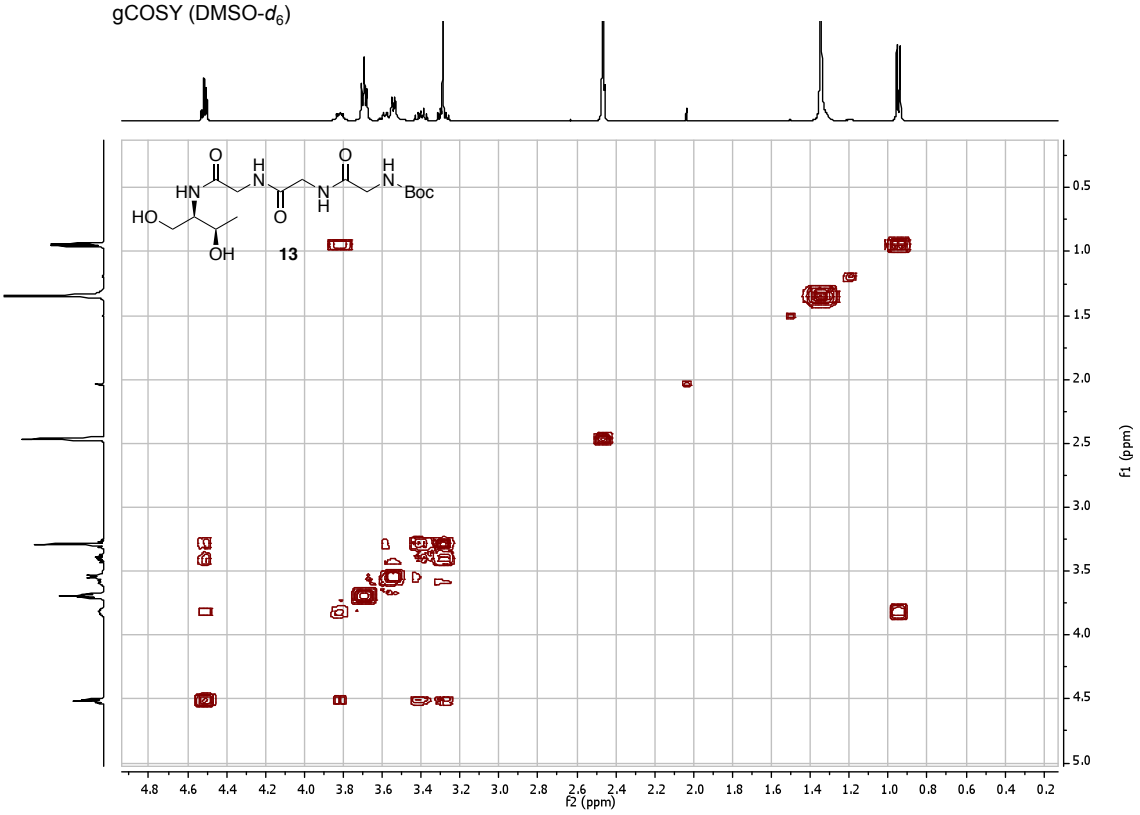


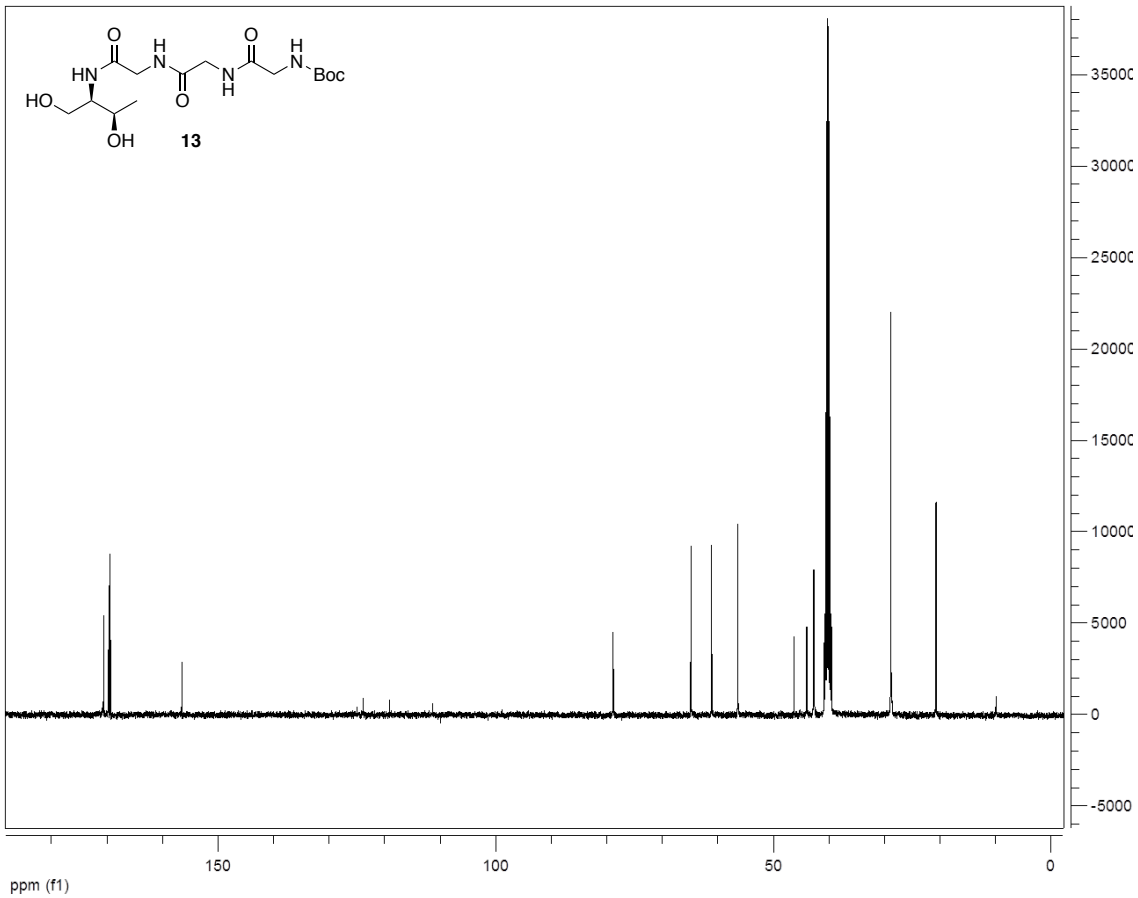
gCOSY (DMSO-d_6)



gCOSY (DMSO-d_6)



^{13}C NMR (DMSO-d_6)



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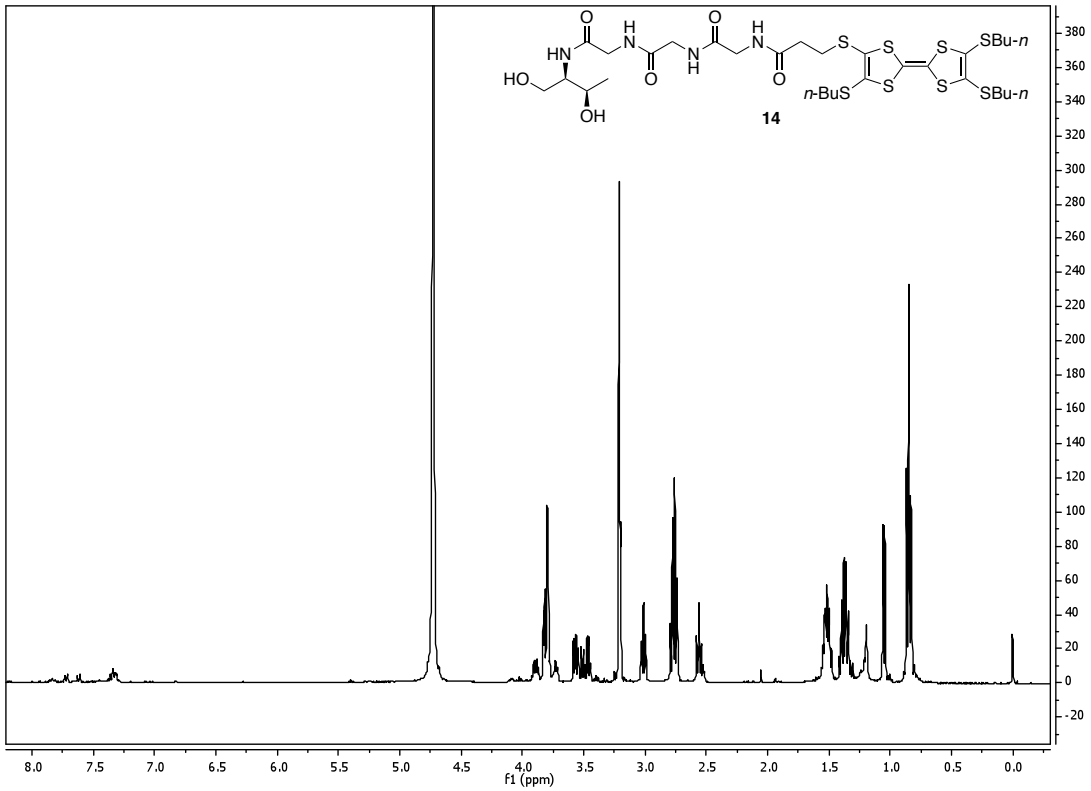

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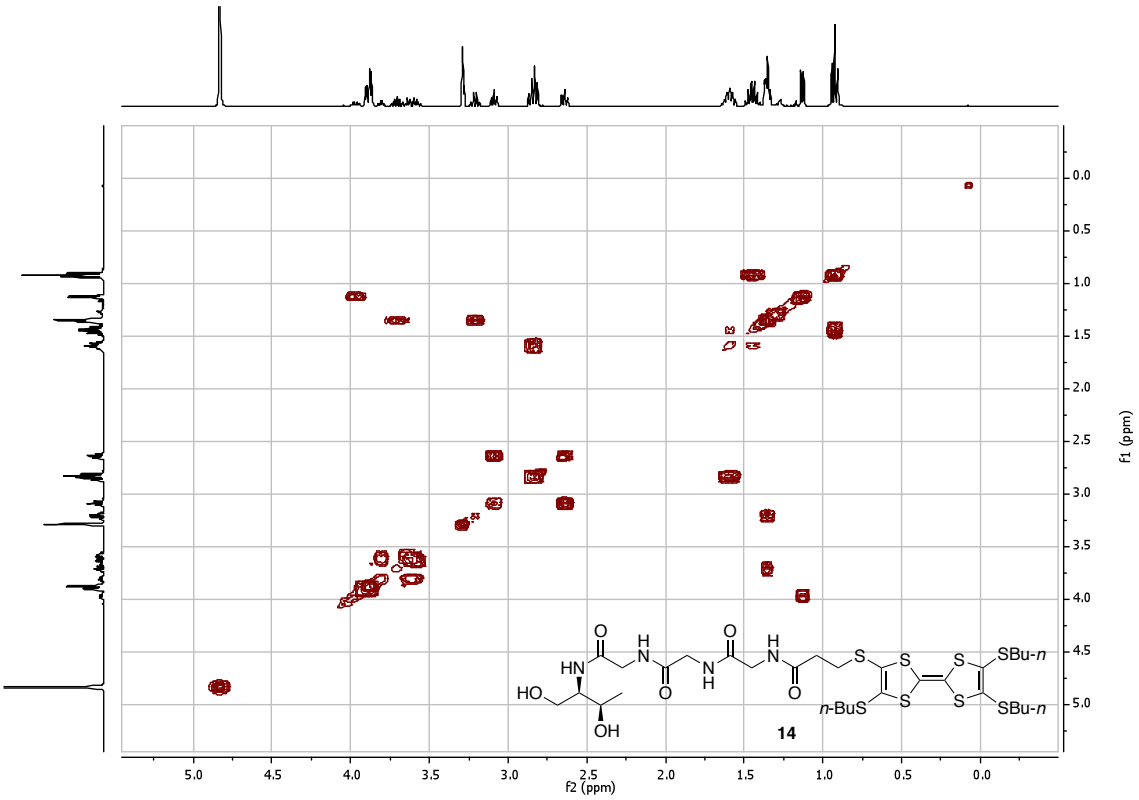

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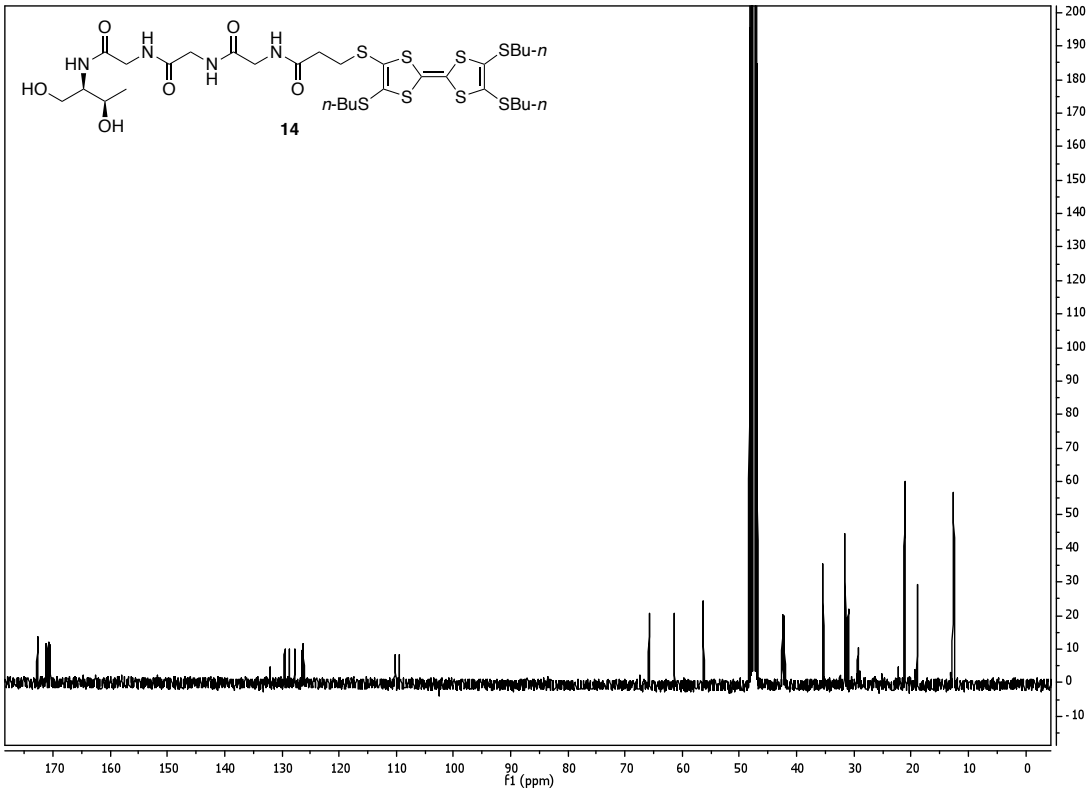
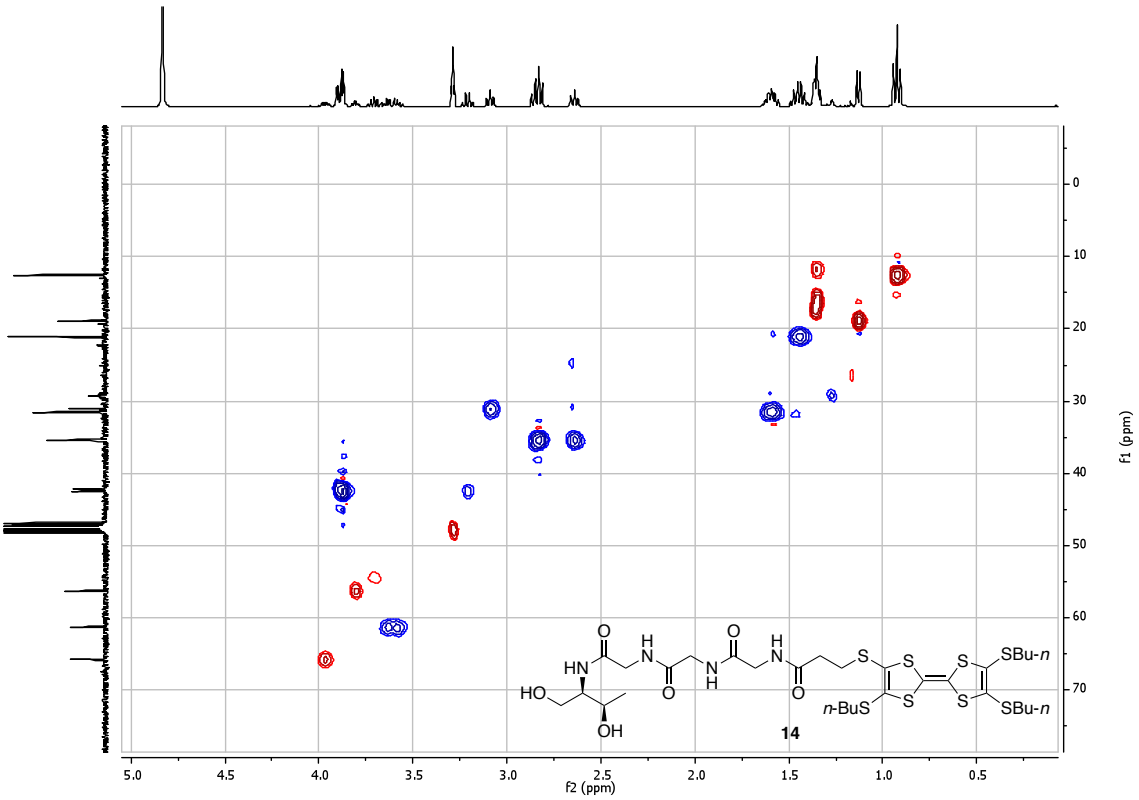
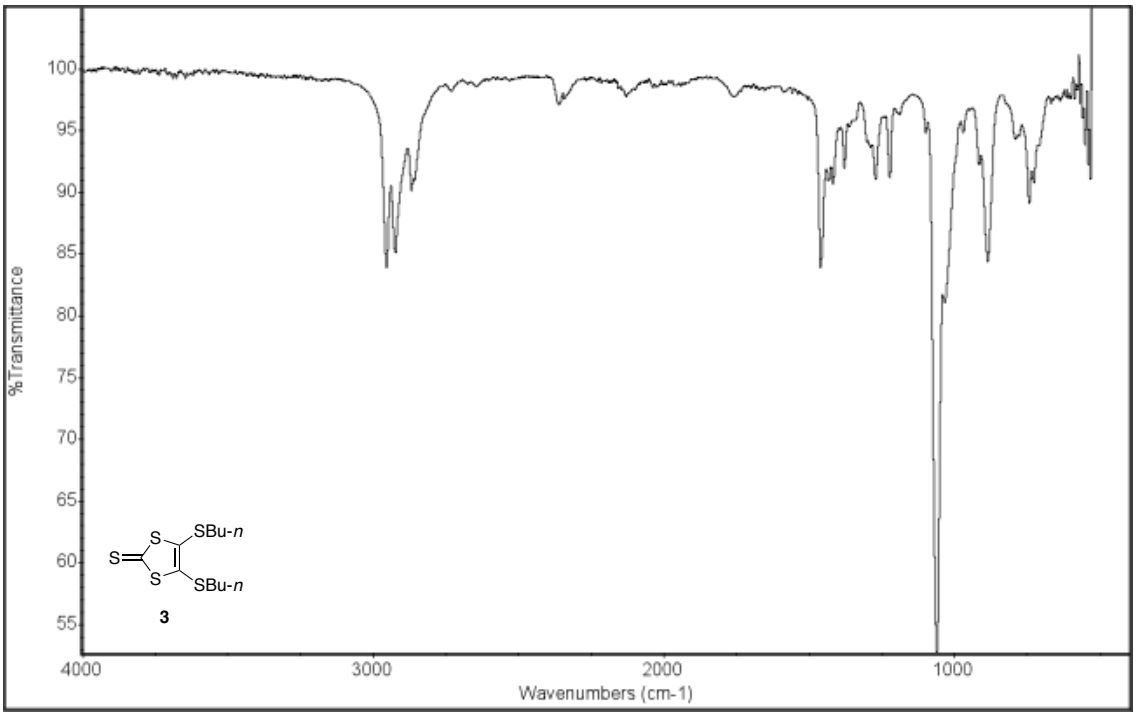
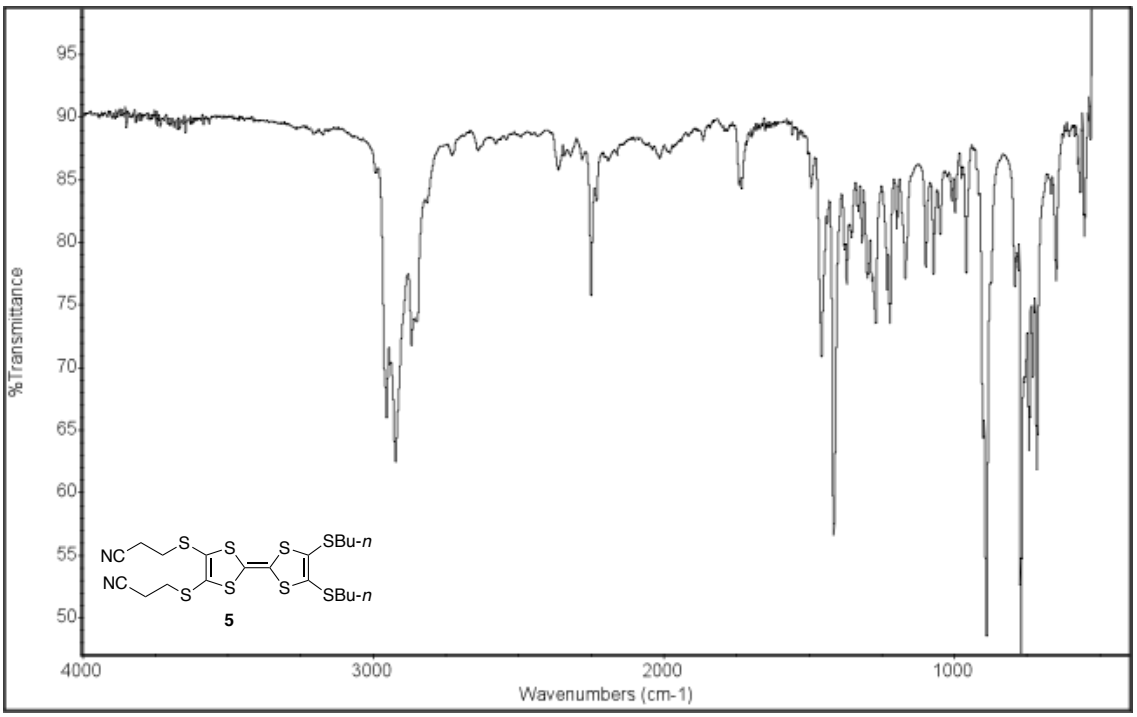


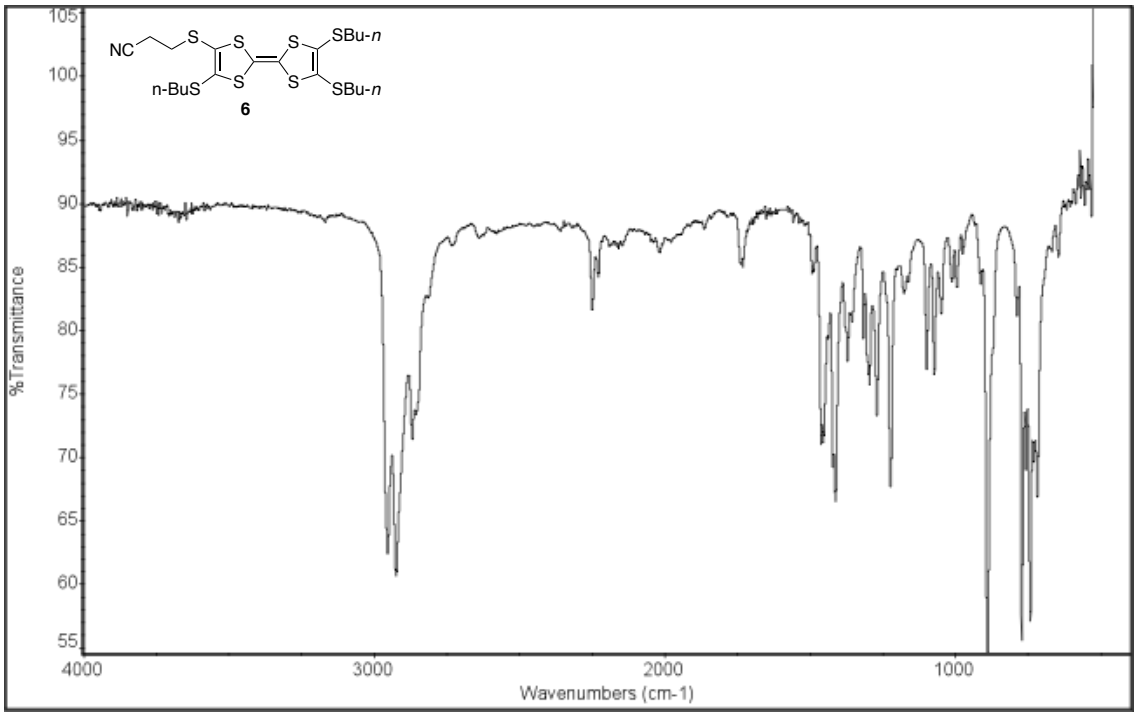
HCSQ (CD_3OD)

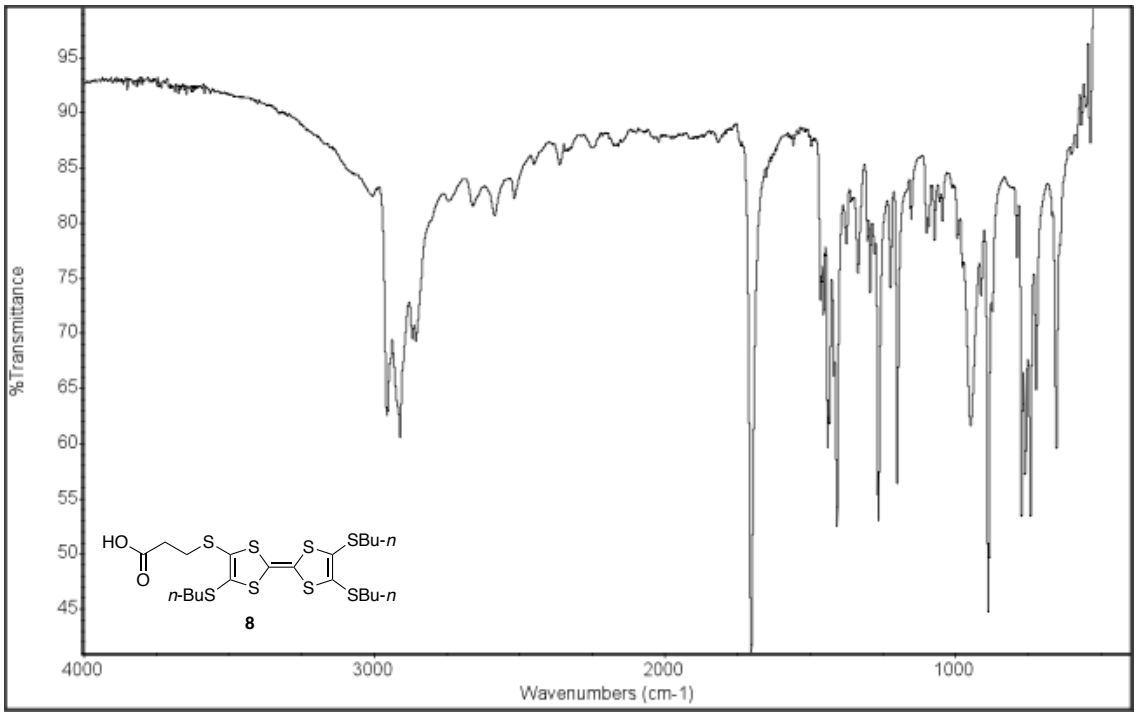


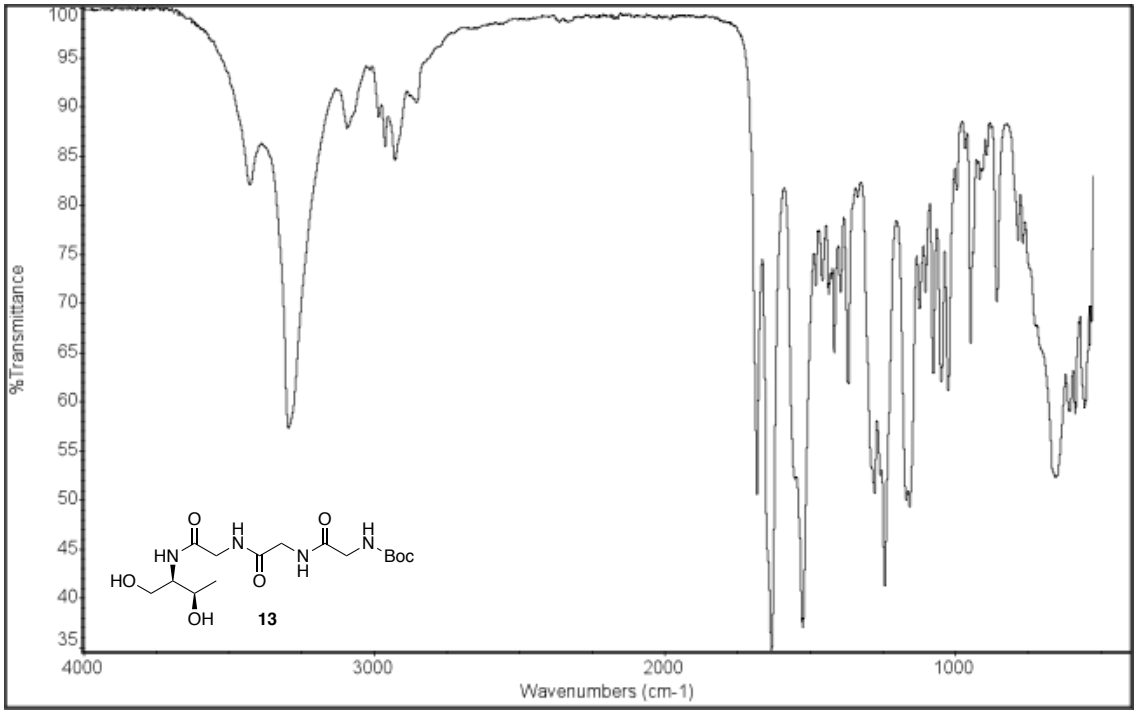
2. FT-IR spectra of compounds

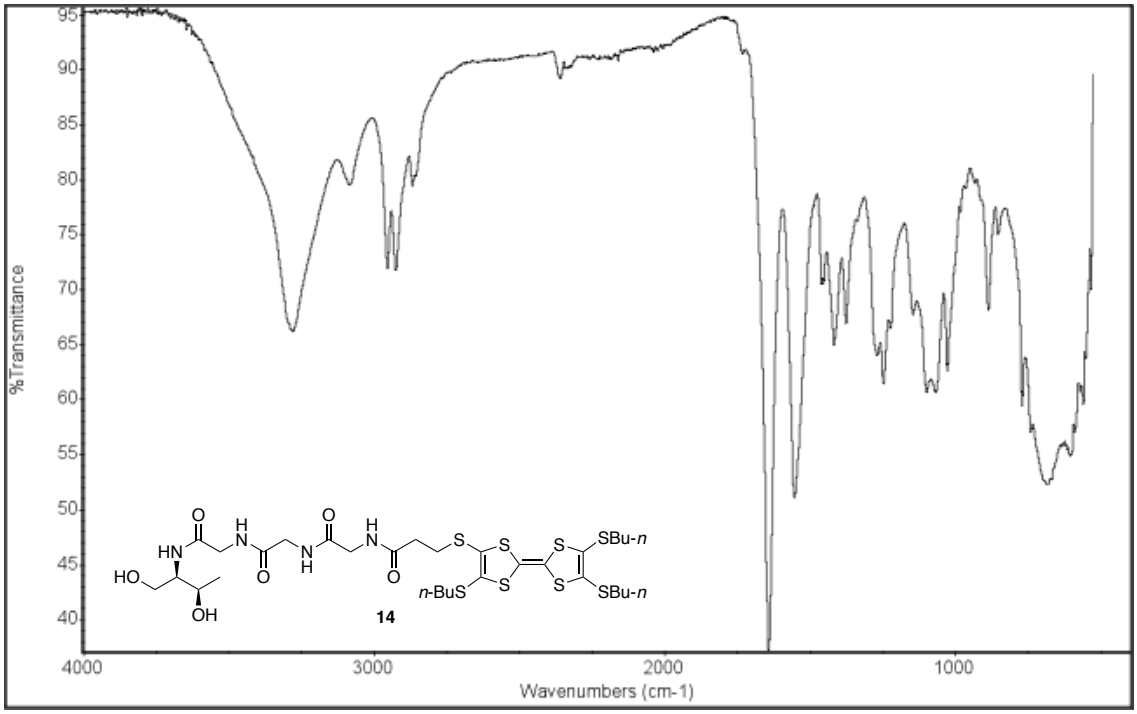





NC
S
S
S
S
S
SBu-n
n-BuS
S
S
SBu-n
6
%Transmittance
105
100
95
90
85
80
75
70
65
60
55
4000
3000
2000
1000
Wavenumbers (cm-1)


HO
O
S
S
S
S
S
SBu-n
n-BuS
S
S
SBu-n
8
%Transmittance
95
90
85
80
75
70
65
60
55
50
45
4000
3000
2000
1000
Wavenumbers (cm-1)


%Transmittance
Wavenumbers (cm-1)
13


%Transmittance
Wavenumbers (cm-1)
14

3. Additional figures

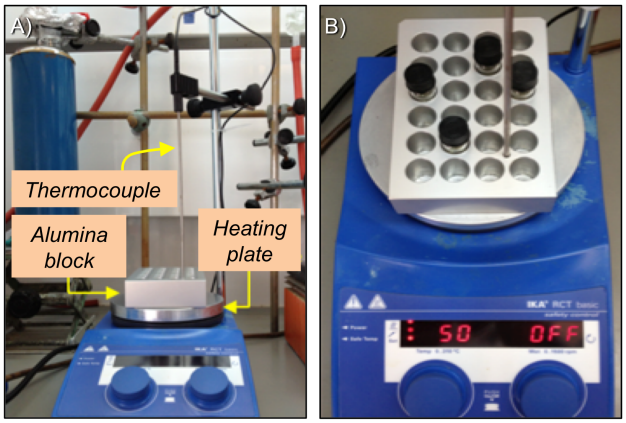


Figure S1. Thermoblock used for T_{sol} determinations. A) Front view of the set-up. B) Top view of the set-up during a typical experiment. The set-up was previously calibrated with literature data for known compounds.

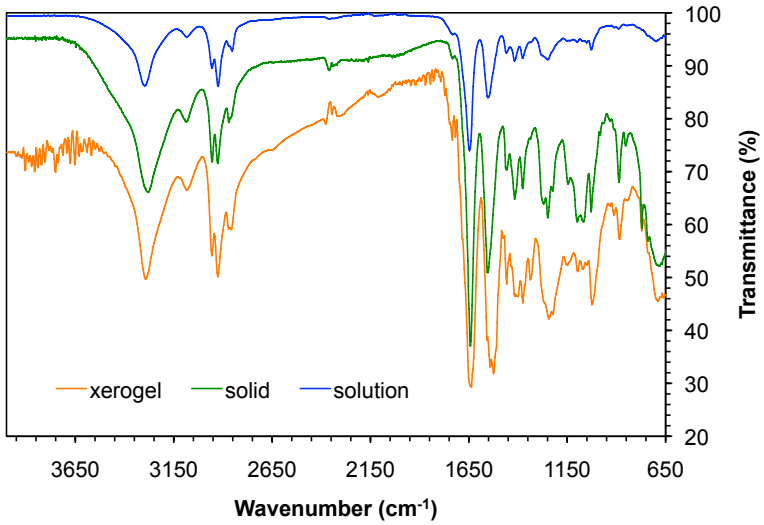


Figure S2. FT-IR spectra of solid **14**, **14** dissolved in DCM, and xerogel (i.e., prepared by freeze-drying the organogel made of **14** in DCM (29 g/L).

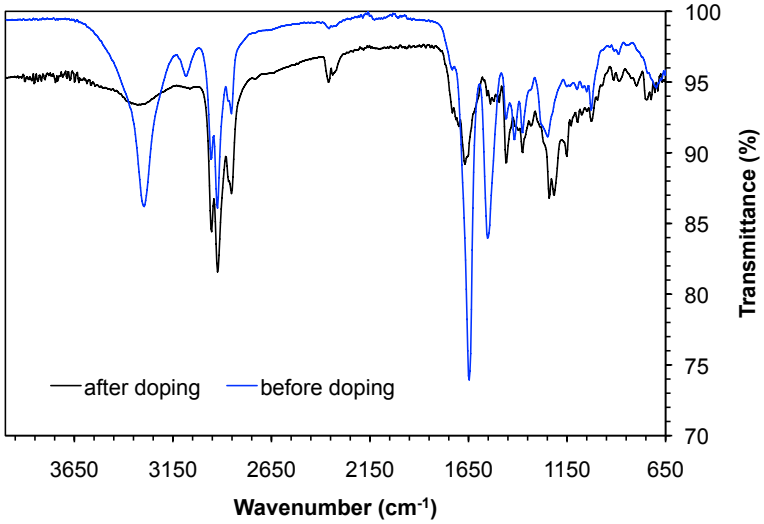


Figure S3. FT-IR spectra of the xerogel, obtained from the corresponding organogel made of **14** in DCM (29 g/L), before and after iodine-doping.