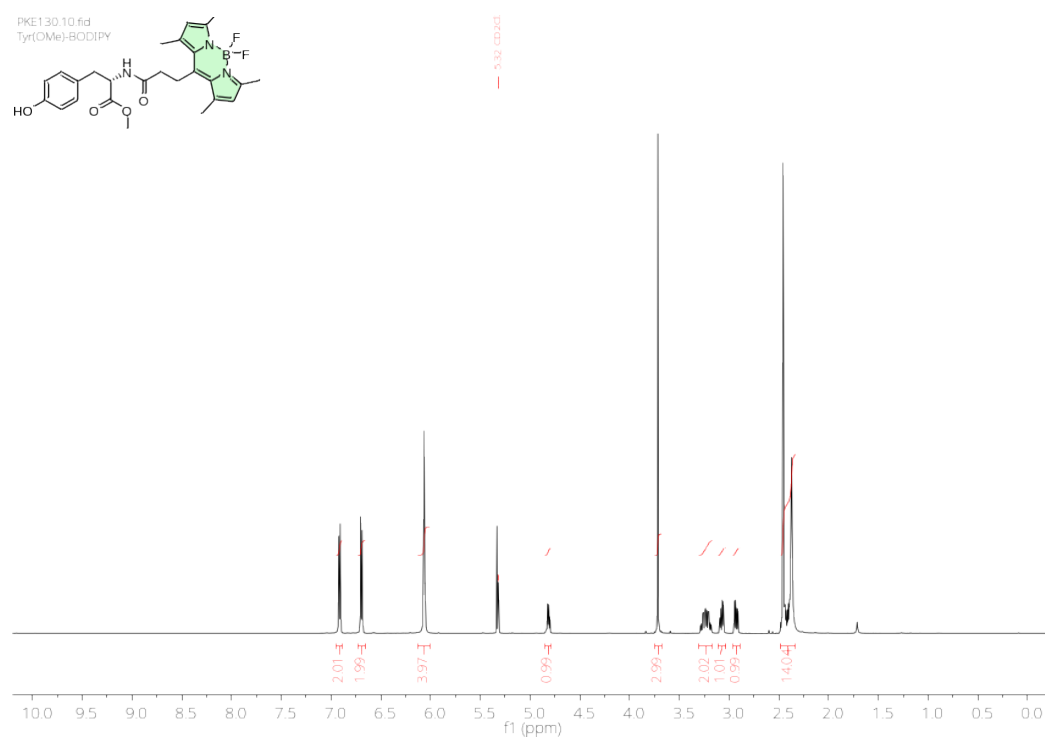
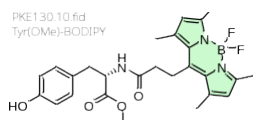


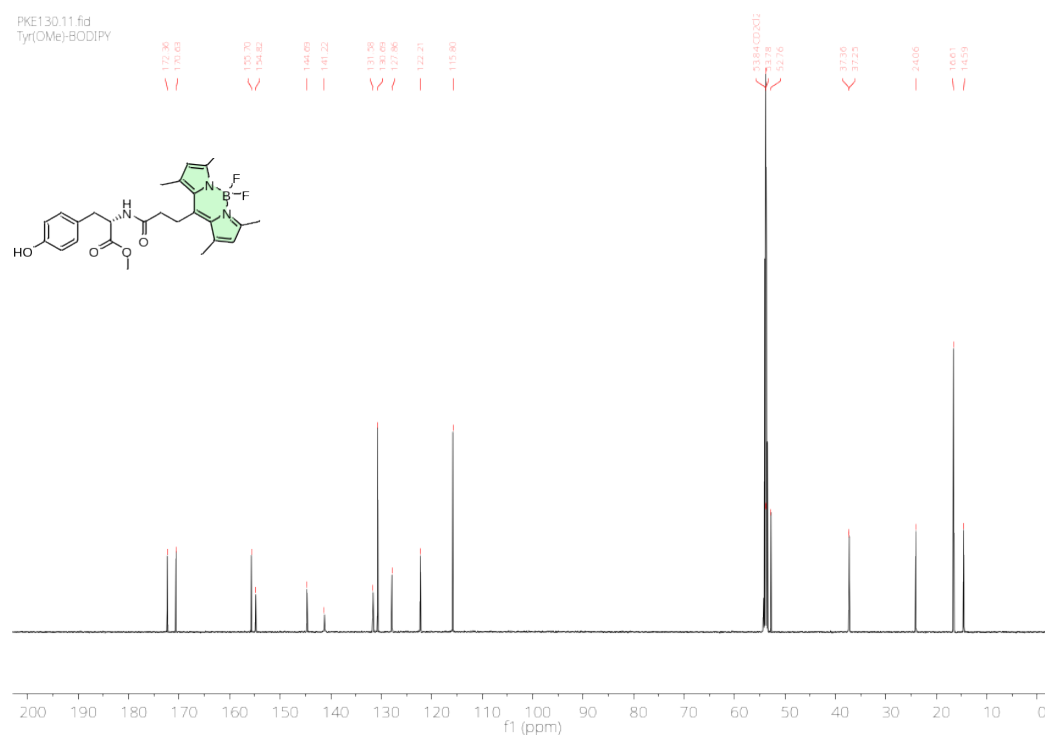
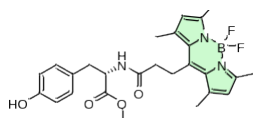
Tyr(OMe)-BODIPY (**S1**), ¹H NMR

PKE130.10.fid
Tyr(OMe)-BODIPY

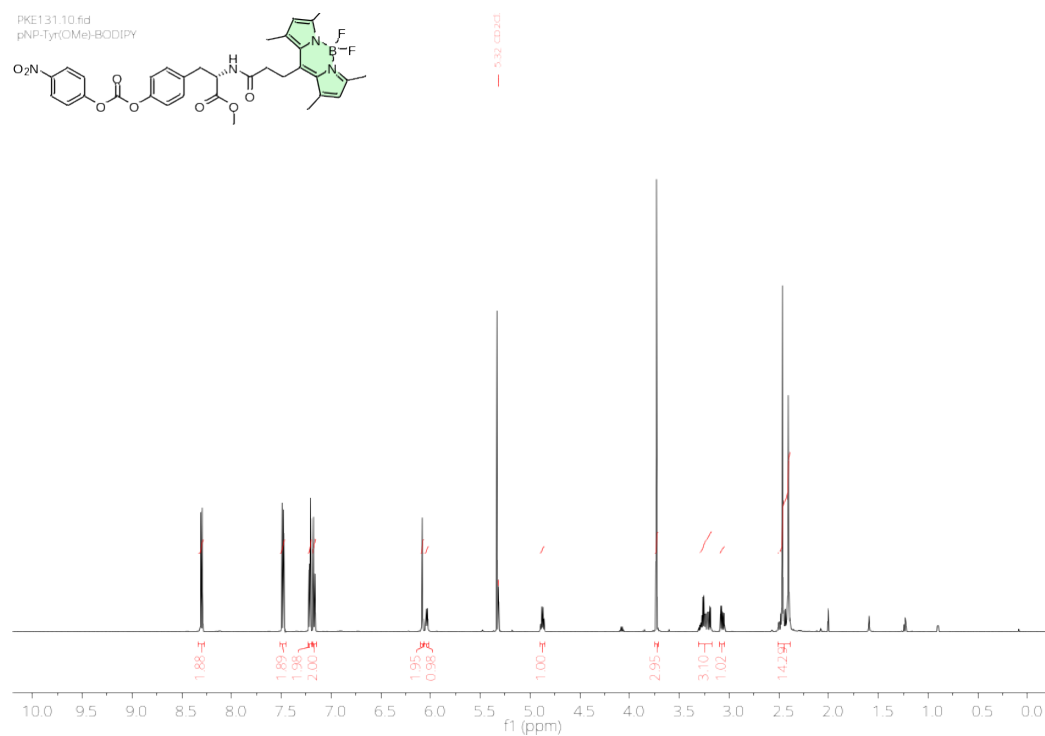


Tyr(OMe)-BODIPY (**S1**), ¹³C NMR

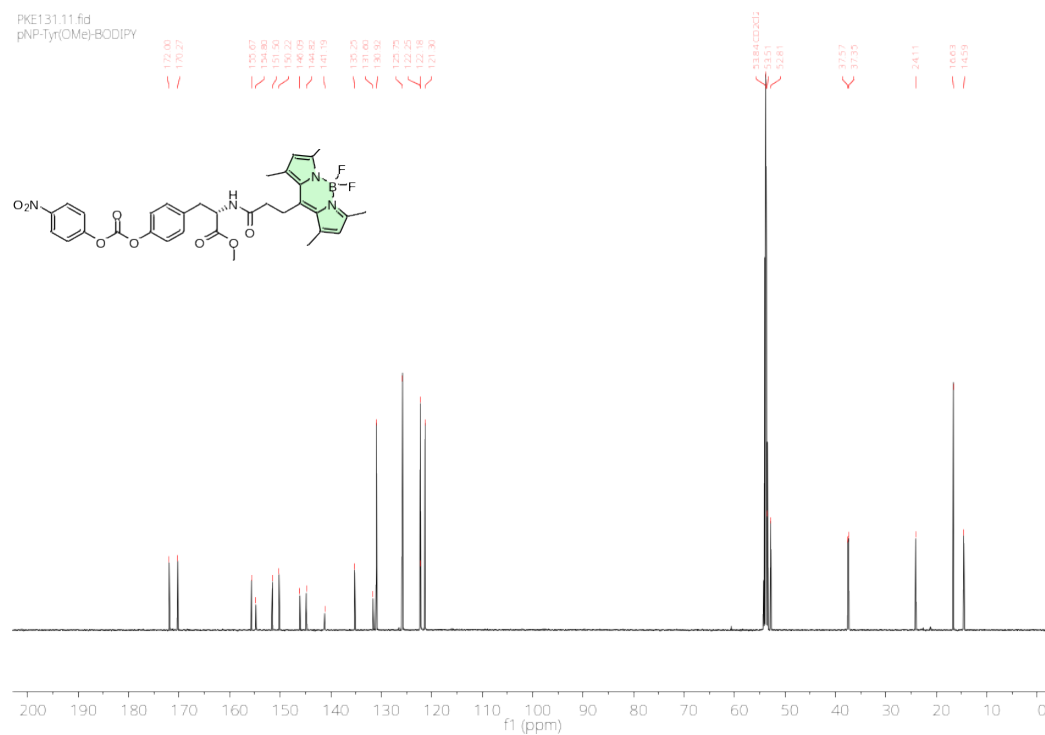
PKE130.11.fid
Tyr(OMe)-BODIPY



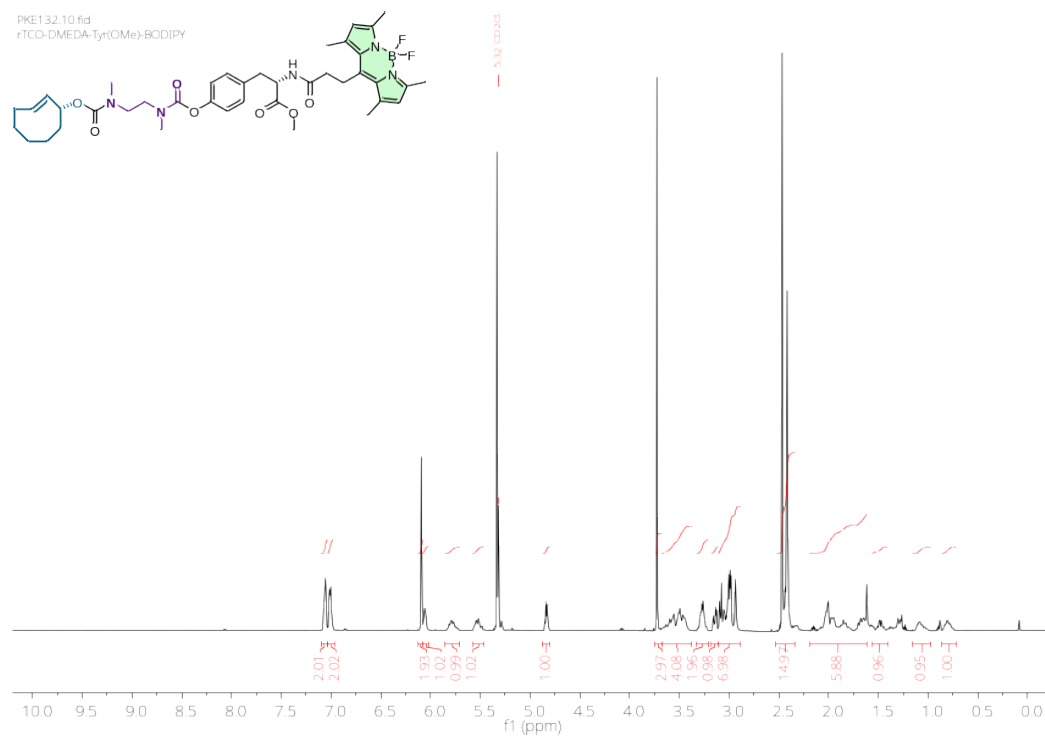
PNP-Tyr(OMe)-BODIPY (3), ¹H NMR



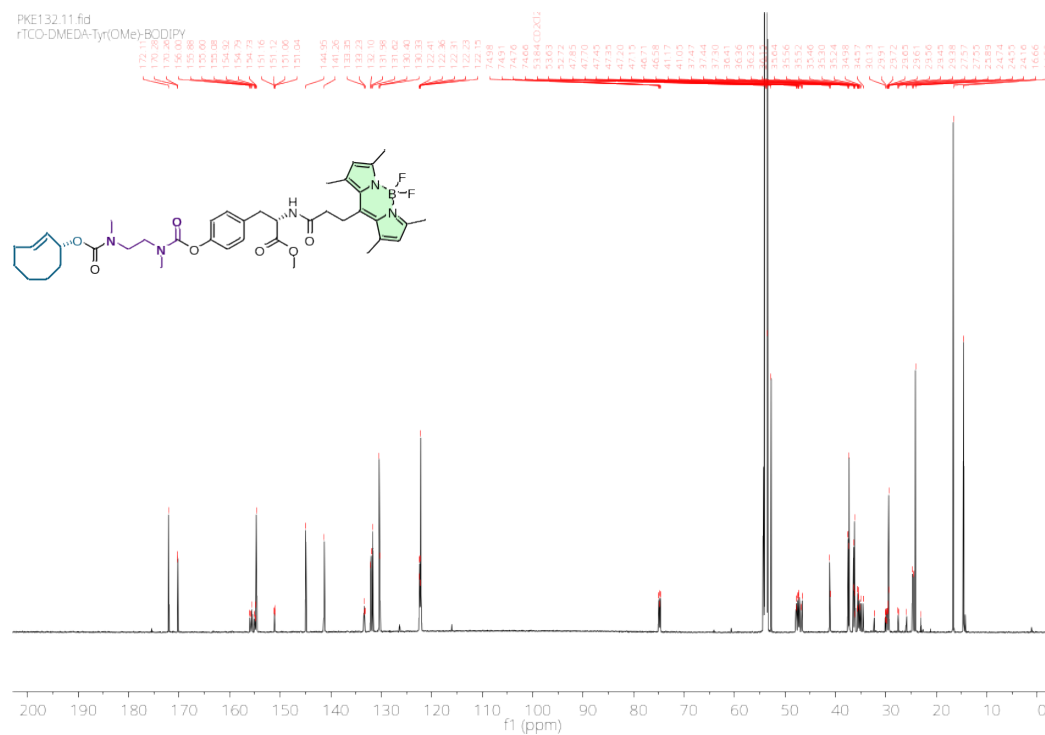
PNP-Tyr(OMe)-BODIPY (3), ¹³C NMR



rTCO-DMEDA-Tyr(OMe)-BODIPY (4), ^1H NMR



rTCO-DMEDA-Tyr(OMe)-BODIPY (4), ^{13}C NMR



rTCE-DMEDA-Tyr(mPEG7)-BODIPY
 1H NMR spectrum (400 MHz, CDCl3) of the compound. The chemical structure is shown above the spectrum. The spectrum displays peaks corresponding to the various protons in the molecule, with integration values provided below the baseline.

Integration values (from left to right): 2.00, 1.93, 1.94, 1.86, 0.95, 0.97, 0.97, 0.97, 45.00, 14.90, 6.11, 1.01, 0.96, 0.97.

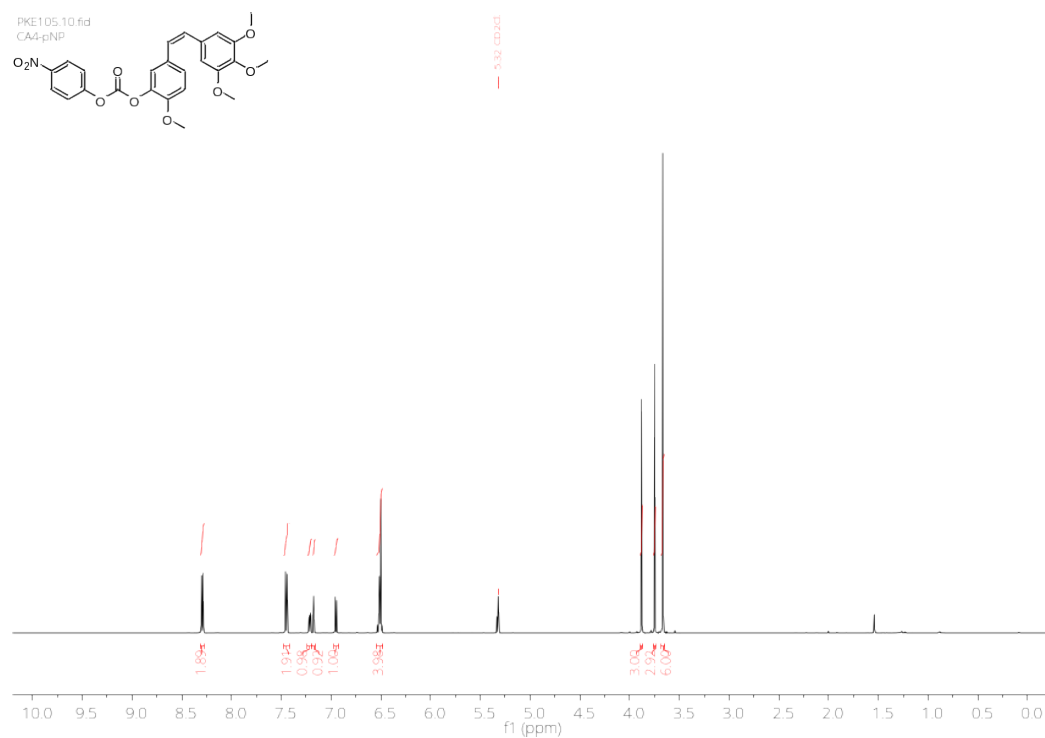
pKE133.11.fid
 rTCO-DMEDA-Tyr(mPEG7)-BODIPY

Chemical structure of rTCO-DMEDA-Tyr(mPEG7)-BODIPY is shown above the spectrum. The structure includes a BODIPY core (green), a tyrosine residue (yellow), a mPEG7 chain (blue), and an rTCO-DMEDA moiety (red).

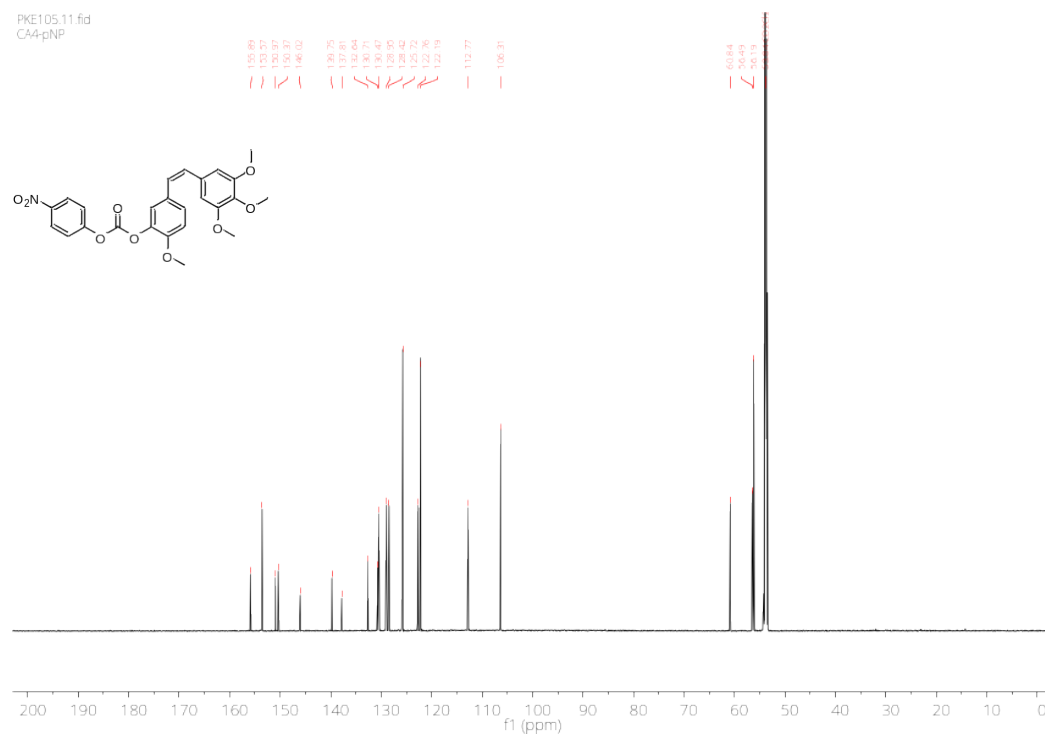
The spectrum displays peaks corresponding to the chemical structure, with the following chemical shifts (ppm) labeled above the peaks:

Chemical Shift (ppm)
170.86
170.84
170.78
170.76
170.74
170.72
170.70
170.68
170.66
170.64
170.62
170.60
170.58
170.56
170.54
170.52
170.50
170.48
170.46
170.44
170.42
170.40
170.38
170.36
170.34
170.32
170.30
170.28
170.26
170.24
170.22
170.20
170.18
170.16
170.14
170.12
170.10
170.08
170.06
170.04
170.02
169.98
169.94
169.90
169.86
169.82
169.78
169.74
169.70
169.66
169.62
169.58
169.54
169.50
169.46
169.42
169.38
169.34
169.30
169.26
169.22
169.18
169.14
169.10
169.06
169.02
168.98
168.94
168.90
168.86
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168.78
168.74
168.70
168.66
168.62
168.58
168.54
168.50
168.46
168.42
168.38
168.34
168.30
168.26
168.22
168.18
168.14
168.10
168.06
168.02
167.98
167.94
167.90
167.86
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167.78
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167.34
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167.18
167.14
167.10
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164.06
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163.78
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162.94
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162.22
162.18

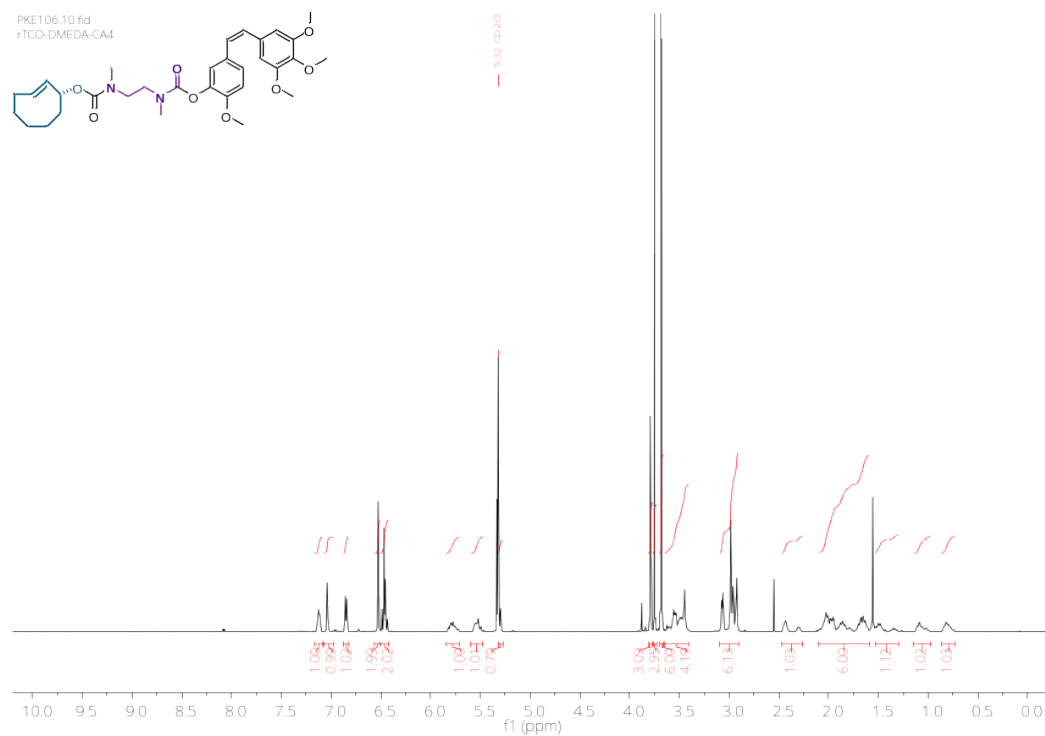
PNP-CA4 (10), ¹H NMR



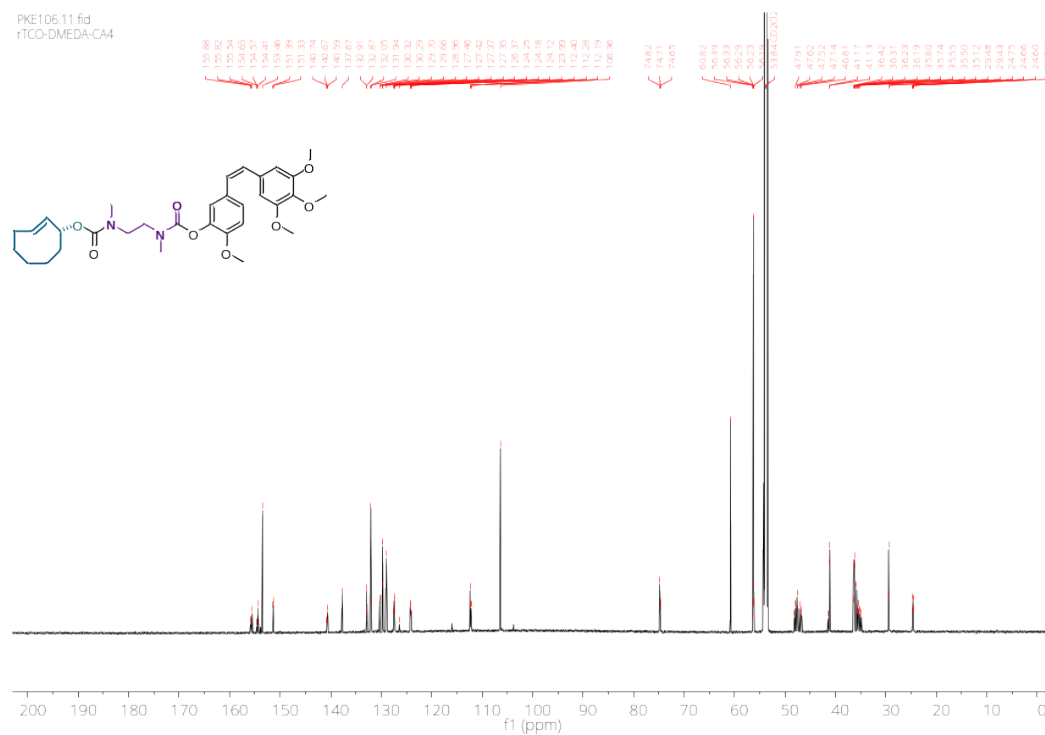
PNP-CA4 (10), ¹³C NMR



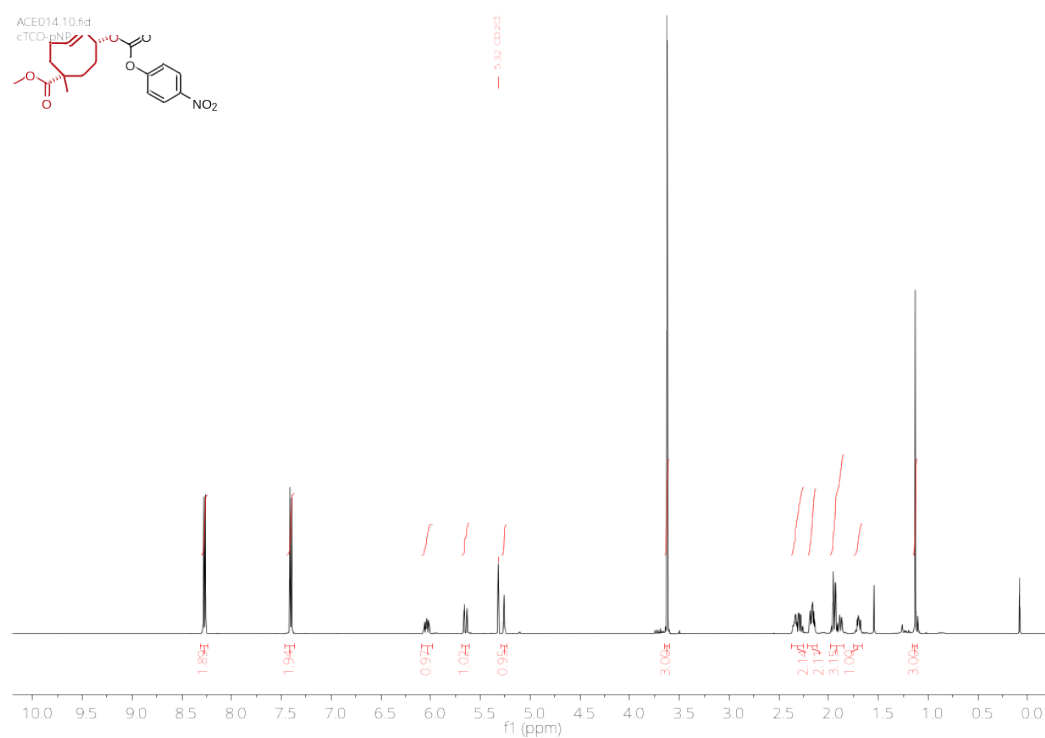
rTCO-DMEDA-CA4 (**11**), ¹H NMR



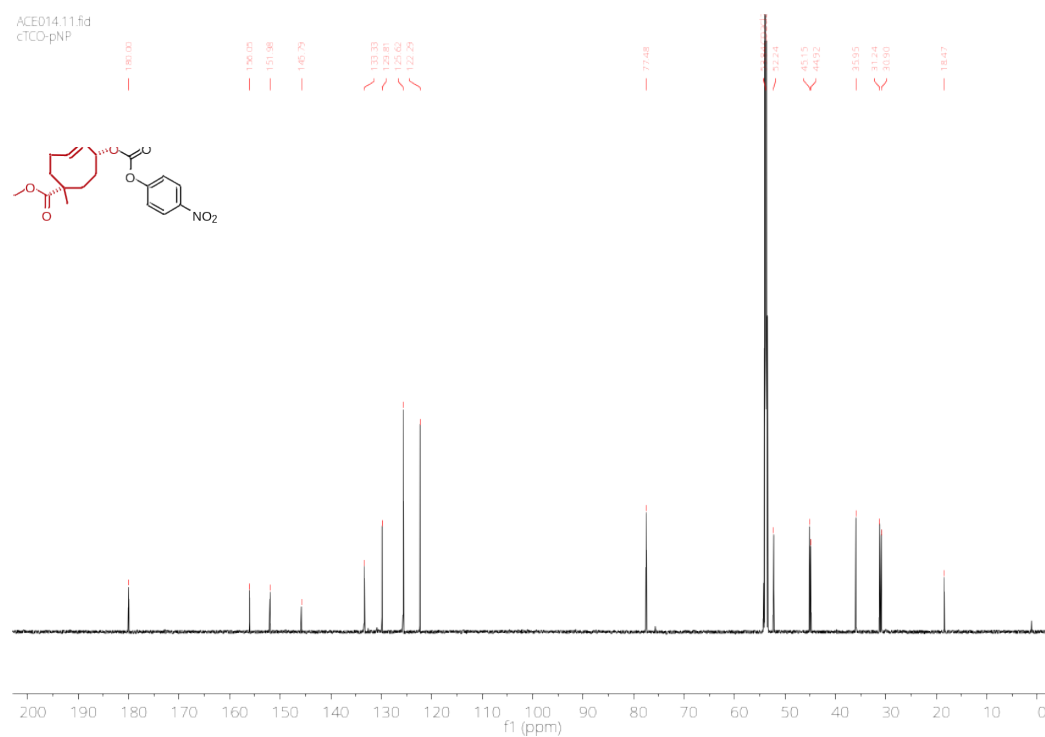
rTCO-DMEDA-CA4 (**11**), ¹³C NMR



cTCO-PNP carbonate (**12**), ¹H NMR



cTCO-PNP carbonate (**12**), ¹³C NMR



COc1cc(OC)cc(OC)cc1/C=C/c2ccc(OC)c(OC)c2COC(=O)N(C)CCN(C)C(=O)O[C@H]3C[C@@H](OC(=O)C)C[C@H]3C

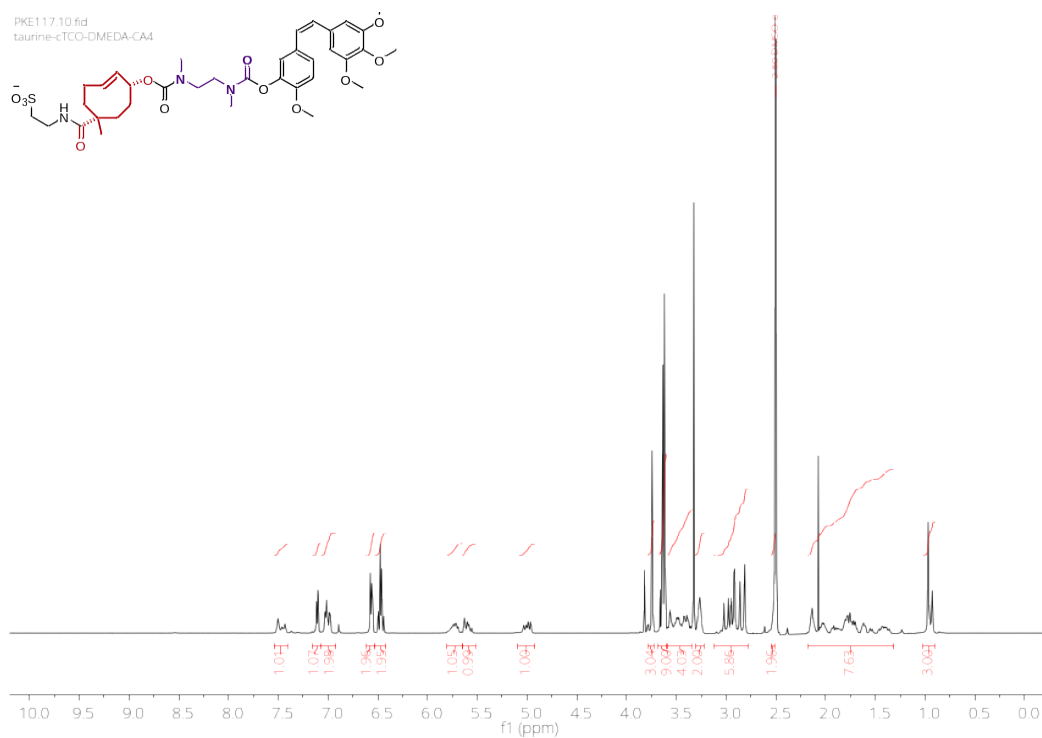
PKE115.12.fid
 cTCD-DMEDA-CA4

100 95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 0.5 0.0
 f1 (ppm)

¹³C NMR spectrum (CDCl₃) of compound 10. The chemical structure of 10 is shown above the spectrum. The spectrum displays peaks corresponding to the carbons in the molecule, with the following chemical shifts (ppm) labeled: 180.35, 180.21, 159.75, 159.68, 159.40, 154.65, 154.42, 153.47, 151.86, 150.72, 140.65, 140.59, 139.99, 138.90, 138.87, 138.00, 137.60, 131.86, 131.81, 131.77, 131.72, 130.28, 129.72, 129.60, 129.49, 127.46, 127.43, 122.89, 122.86, 124.17, 124.10, 124.00, 113.30, 112.20, 110.37, 73.22, 72.97, 72.91, 73.01, 69.82, 56.33, 56.29, 56.24, 56.19, 53.84 (CDCl₃), 46.16, 47.96, 47.09, 47.03, 47.00, 47.13, 46.88, 46.85, 46.92, 45.22, 44.98, 44.95, 35.79, 35.79, 35.59, 35.57, 35.40, 34.95, 34.95, 31.31, 31.12, 31.17, 18.37.

sulfo-cTCO-DMEDA-CA4 (**13**), ^1H NMR

PKE117.10.fid
taurine-cTCO-DMEDA-CA4



sulfo-cTCO-DMEDA-CA4 (**13**), ^{13}C NMR

PKE117.11.fid
taurine-cTCO-DMEDA-CA4

