Electronic Supplementary Information

Nanoemulsions based on protic ionic liquids and oleic acid for treatment of dermatophytosis caused by *Microsporum canis*

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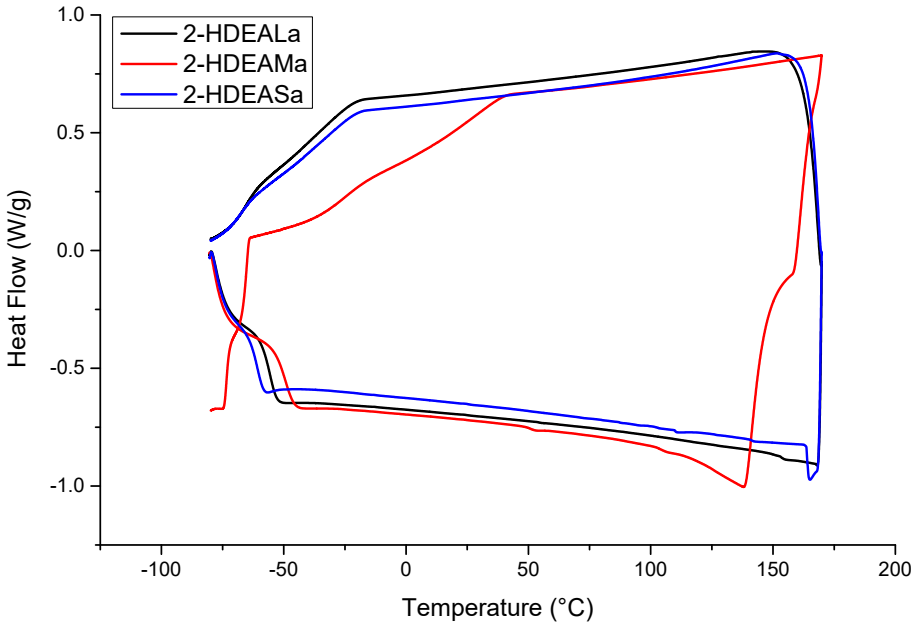

Figure S1: DSC thermogram of pure protic ionic liquids 2- HDEALa, 2- HDEAMa, 2- HDEASa.

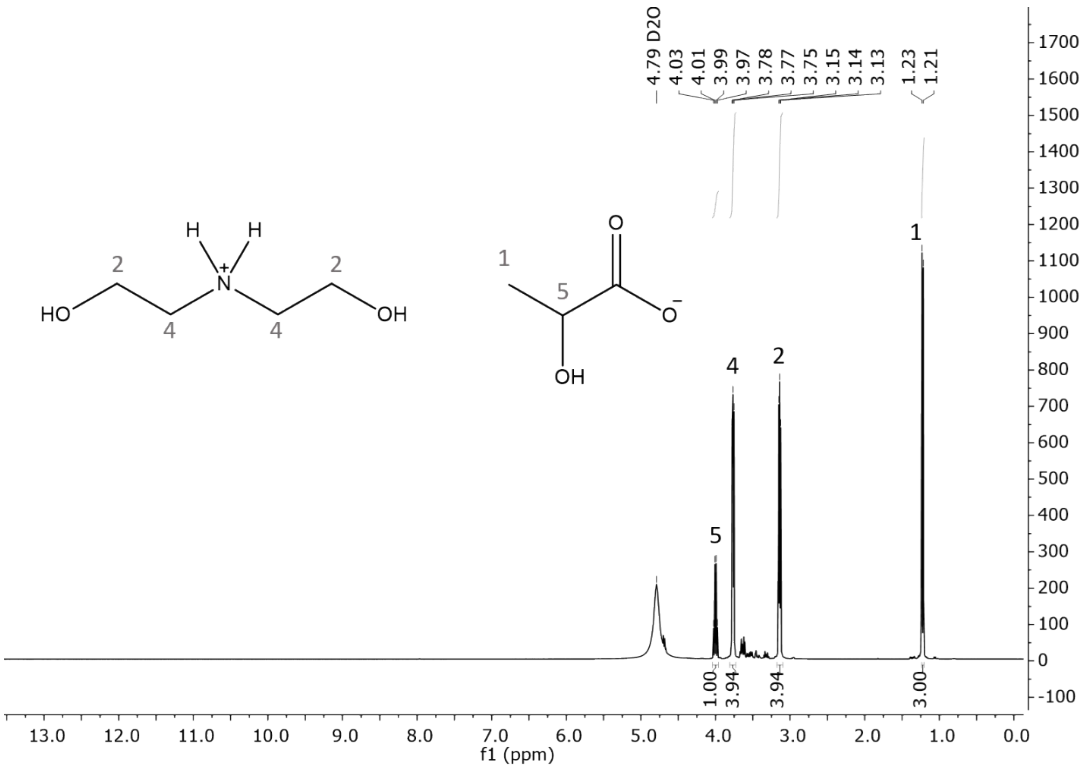

Figure S2: ^{1}H NMR spectrum of pure protic ionic liquid 2- HDEALa.

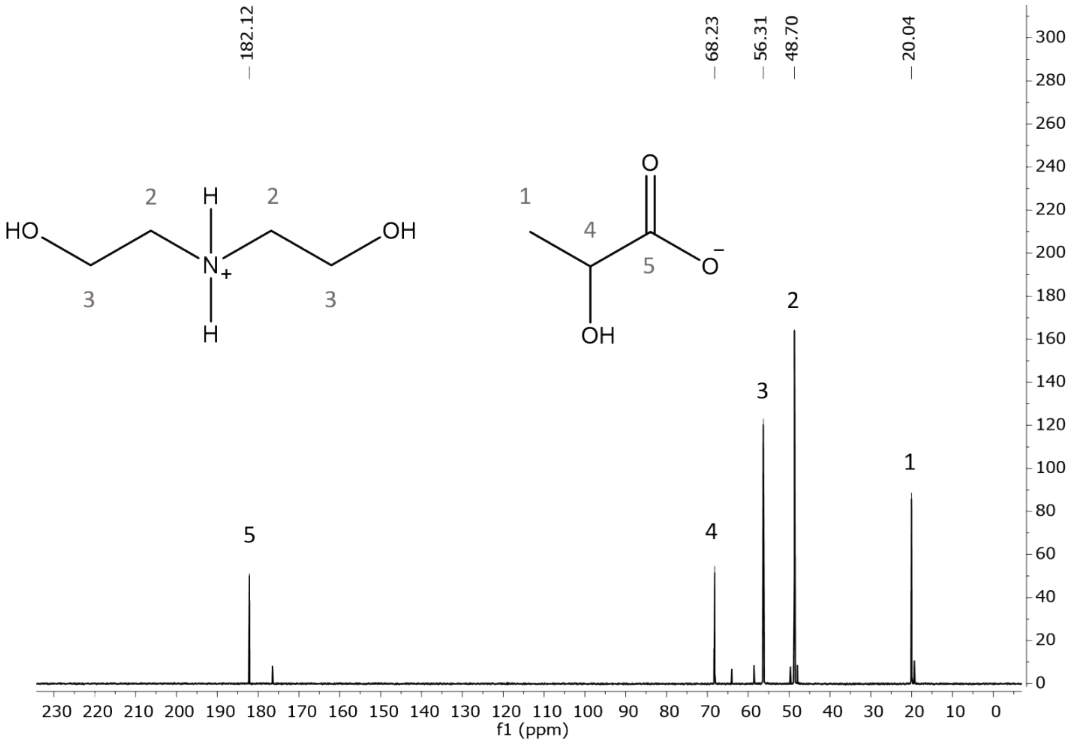

Figure S3: ^{13}C NMR spectrum of pure protic ionic liquid 2- HDEALa.

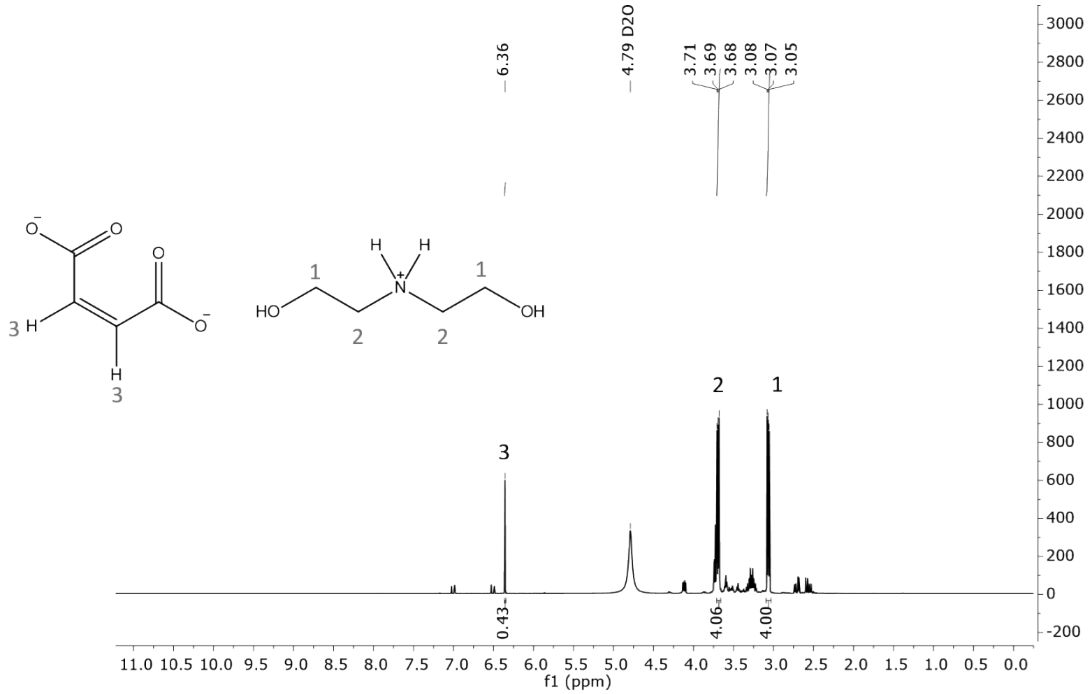

Figure S4: ^{1}H NMR spectrum of pure protic ionic liquid 2- HDEAMa.

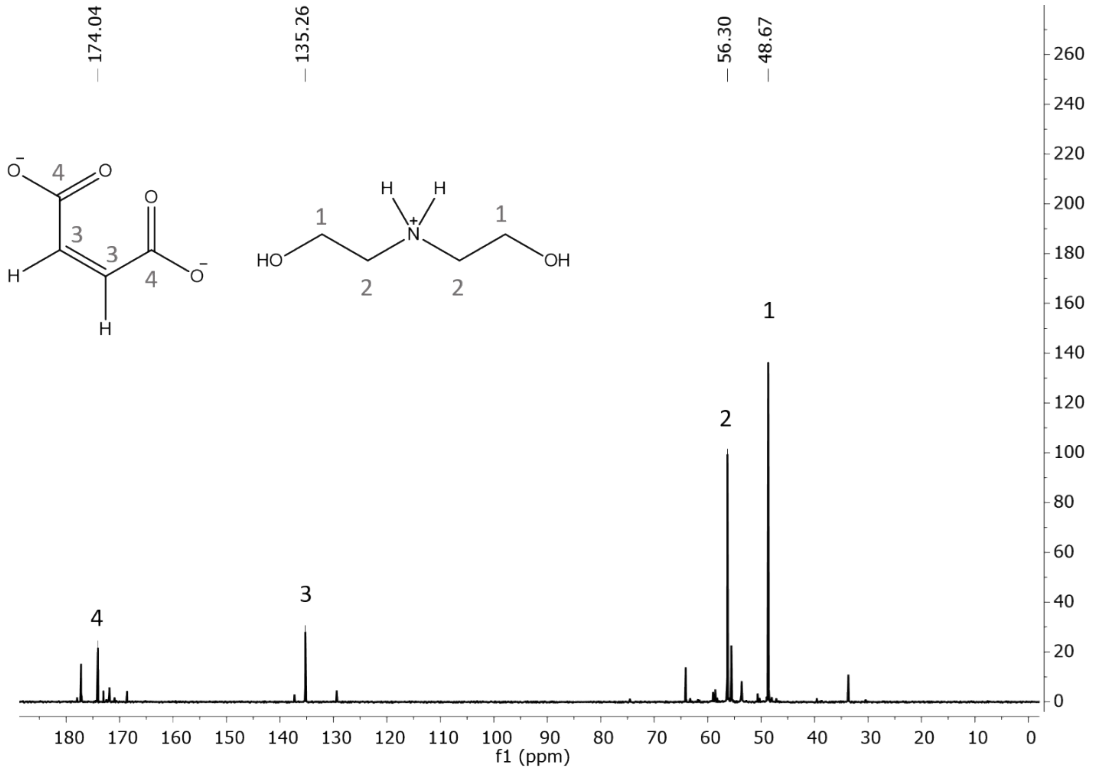

Figure S5: ^{13}C NMR spectrum of pure protic ionic liquid 2- HDEAMa.

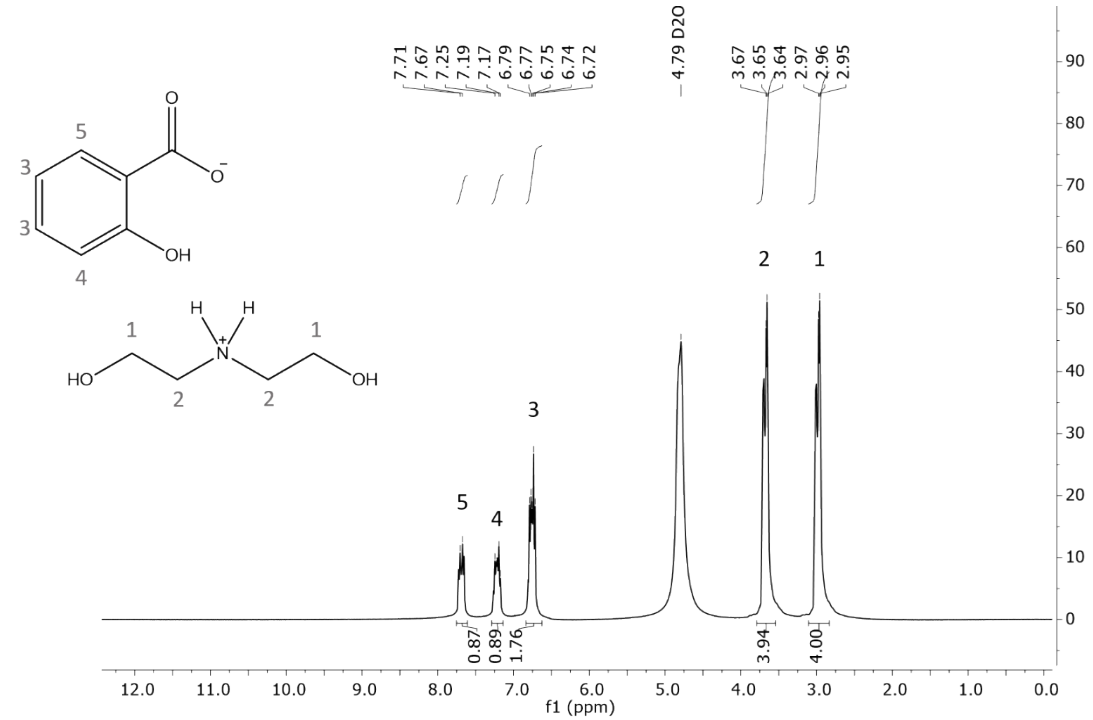

Figure S6: ^{1}H NMR spectrum of pure protic ionic liquid 2- HDEASa.

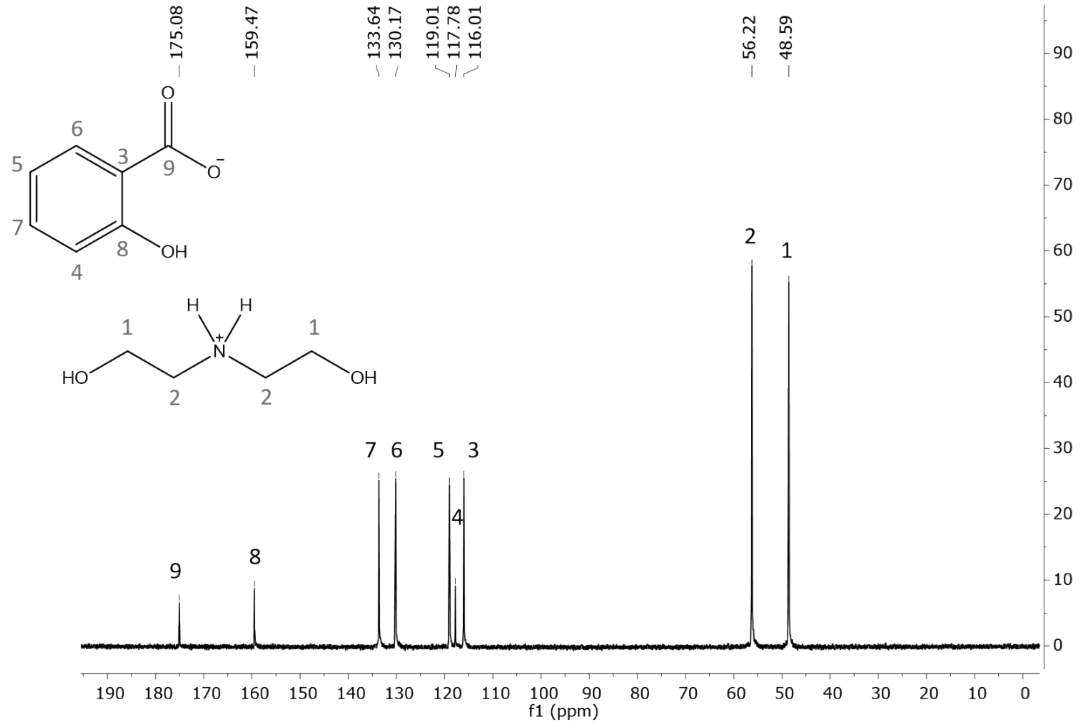

Figure S7: ^{13}C NMR spectrum of pure protic ionic liquid 2- HDEASa.

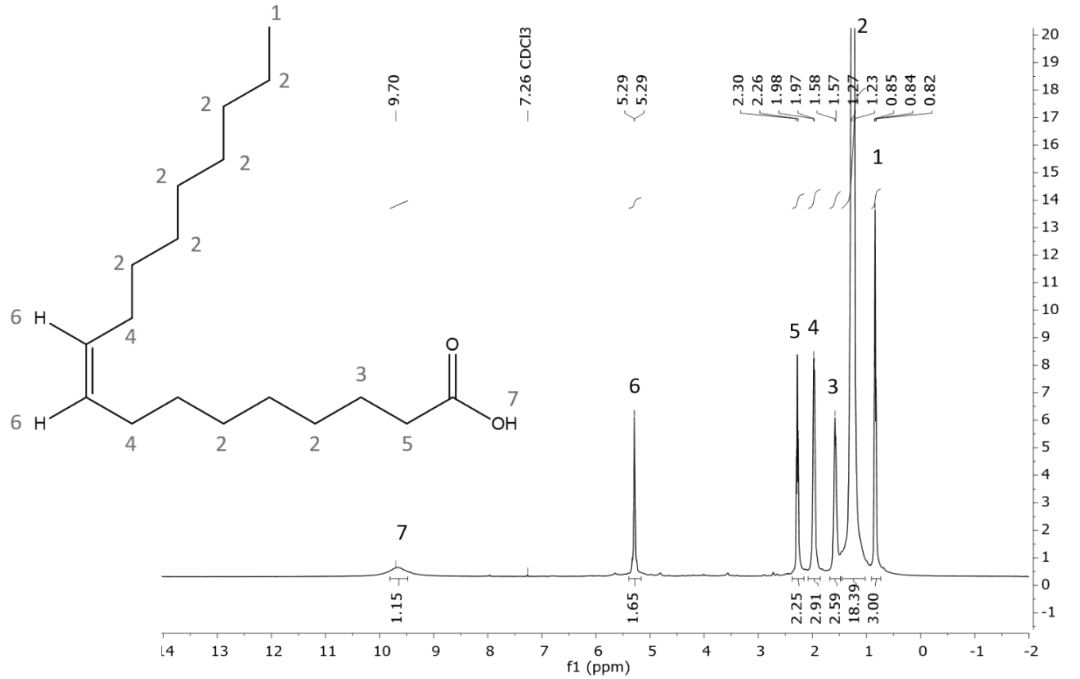

Figure S8: ^{1}H NMR spectrum of oleic acid.

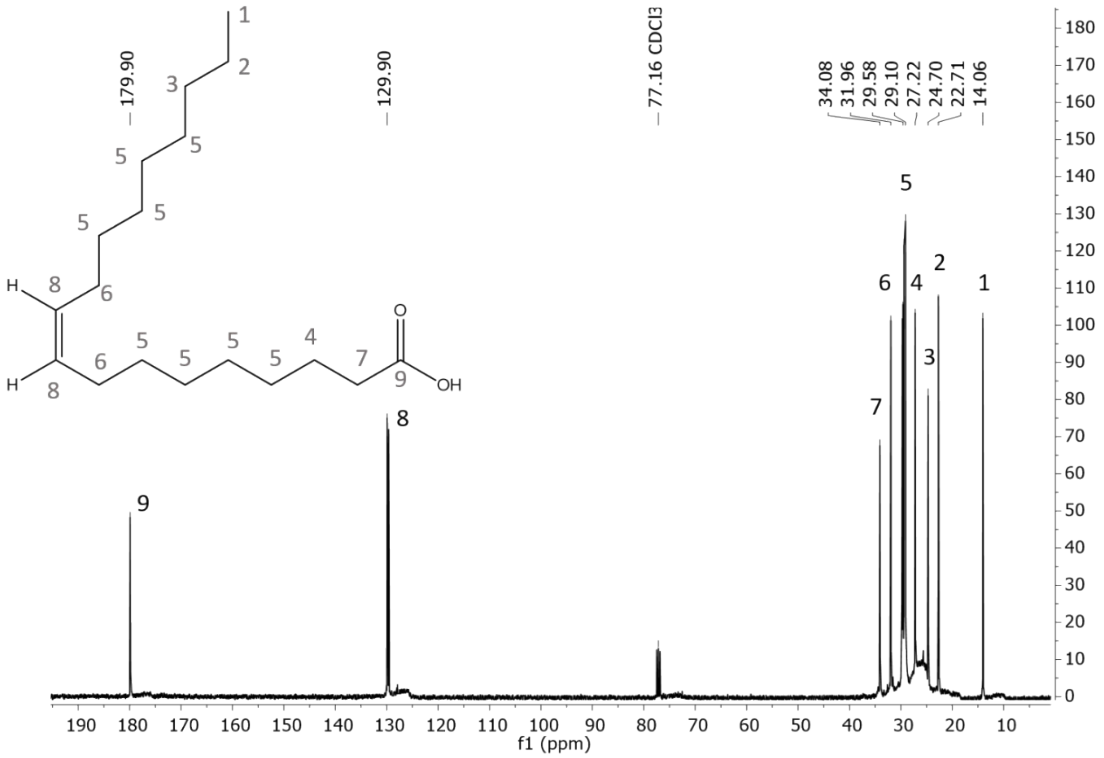

Figure S9: ^{13}C NMR spectrum of oleic acid.

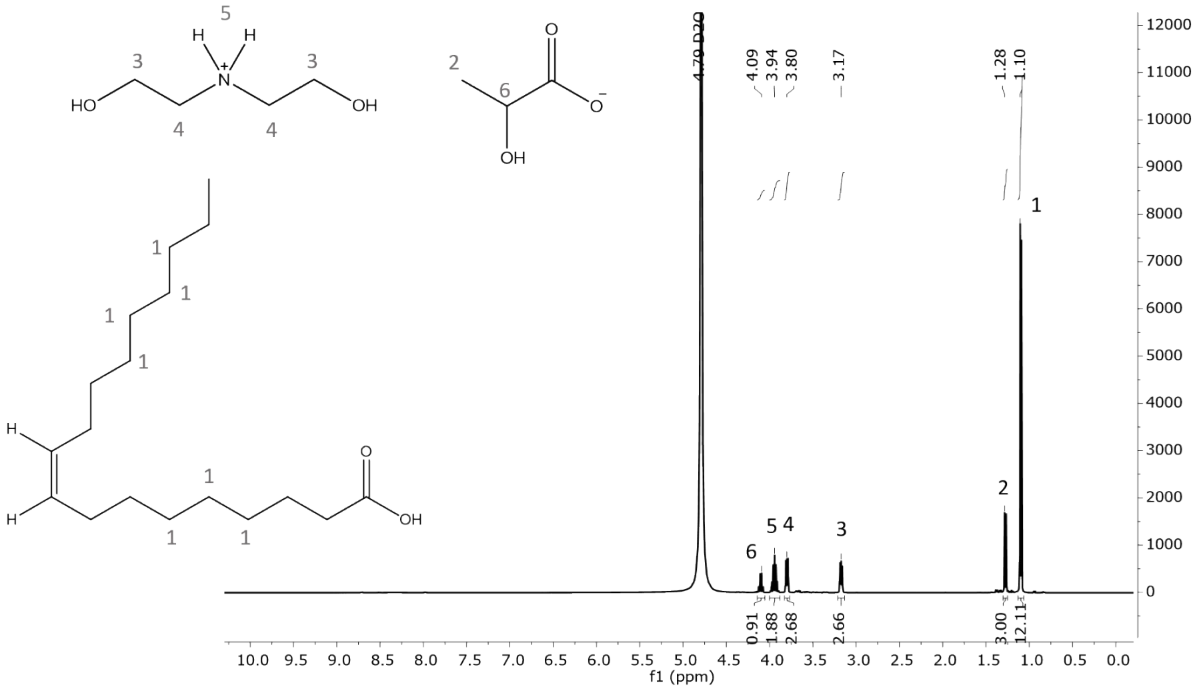

Figure S10. ^{1}H-NMR (400 MHz) spectra of nanoemulsion with PIL 2-HDEALa in D_2O

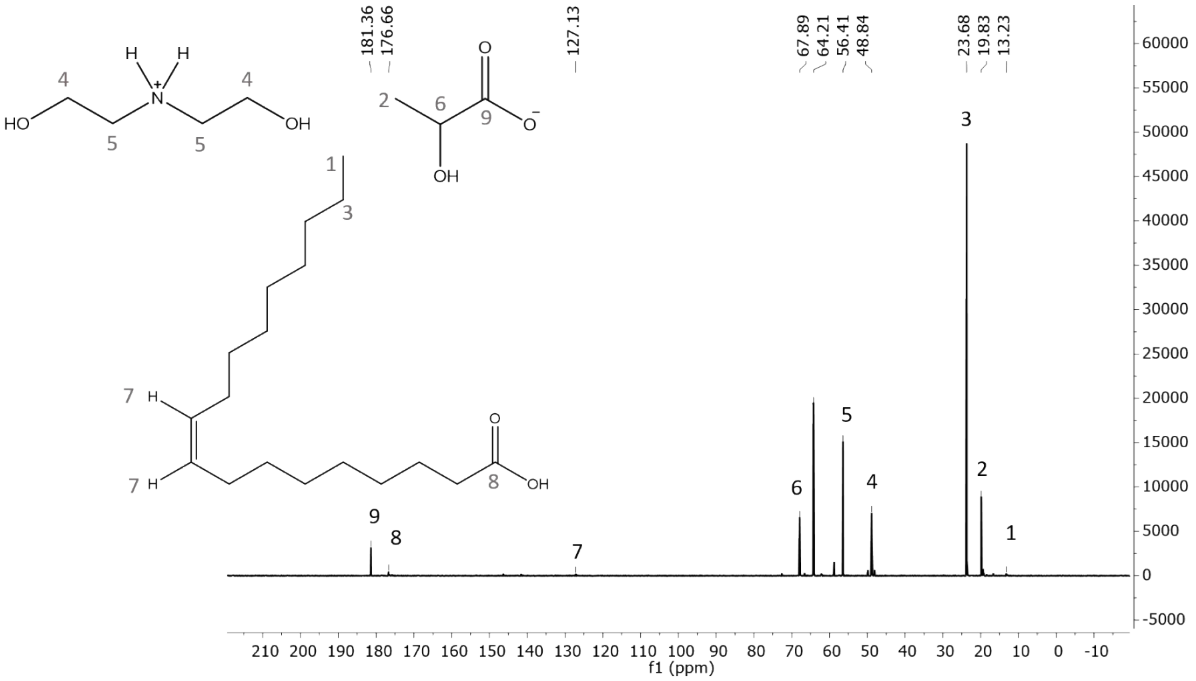

Figure S11. ^{13}C-NMR (100 MHz) spectra of nanoemulsion with PIL 2-HDEALa in D_2O

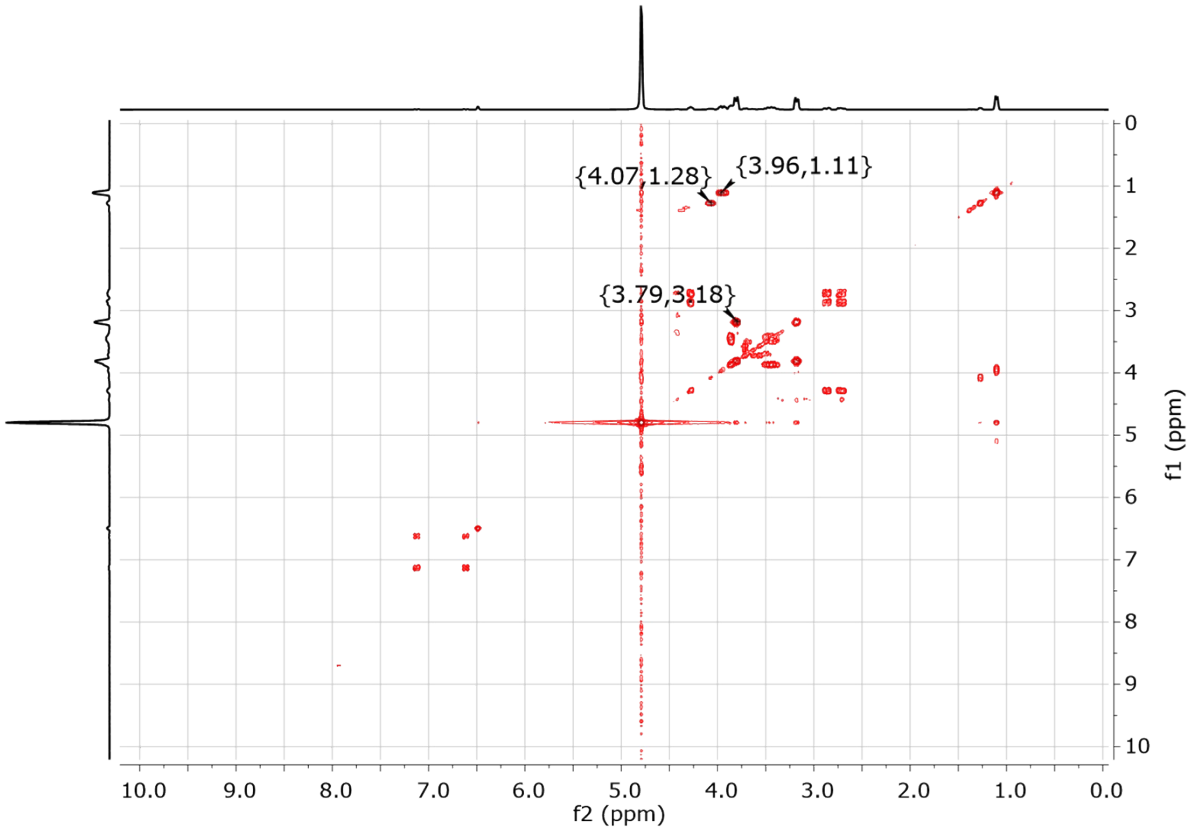

Figure S12. ^{1}H-^{1}H COSY contour map of nanoemulsion with PIL 2-HDEALa in D_2O

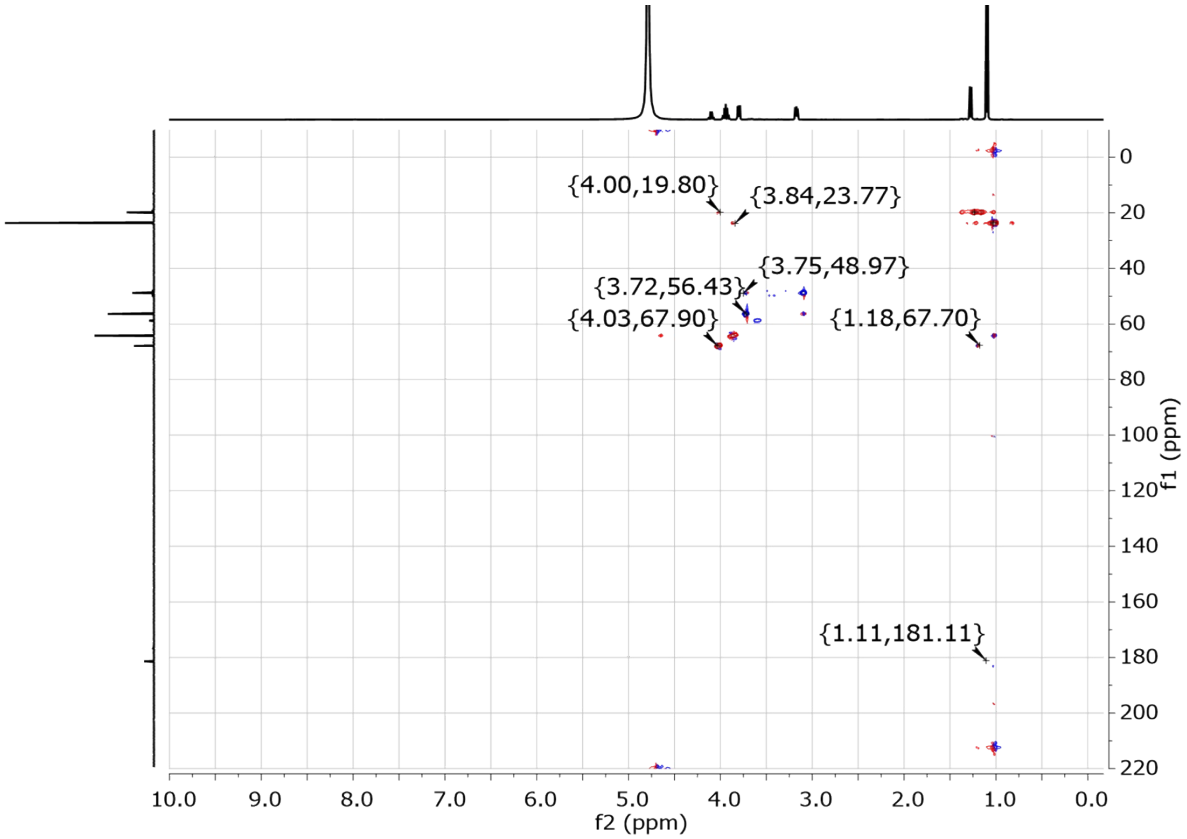

Figure S13. ^{1}H-^{13}C HSQC contour map of nanoemulsion with PIL 2-HDEALa in D_2O

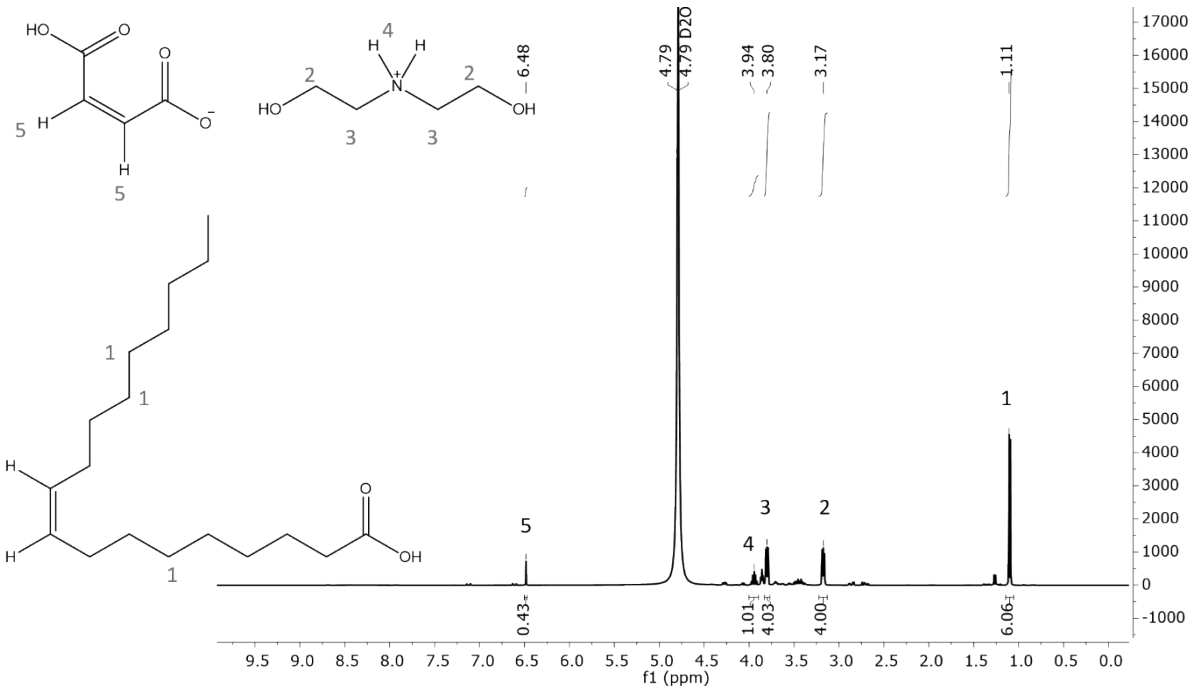

Figure S14. ^{1}H-NMR (400 MHz) spectra of nanoemulsion with PIL 2-HDEAMa in D_2O

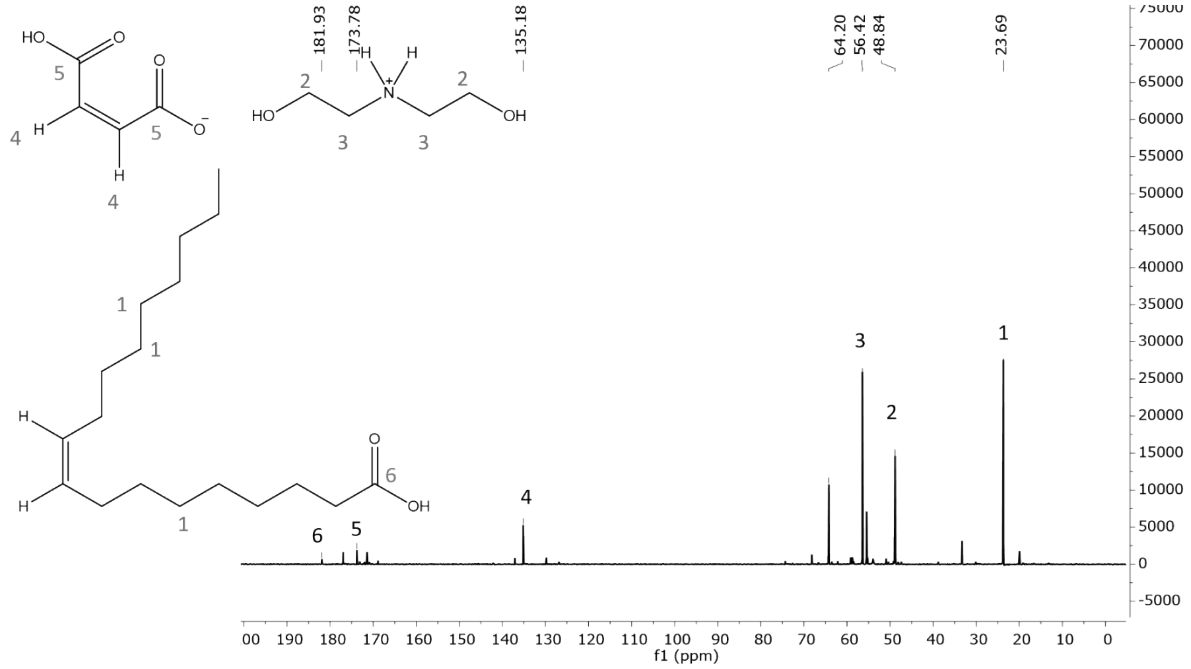

Figure S15. ^{13}C-NMR (100 MHz) spectra of nanoemulsion with PIL 2-HDEAMa in D_2O

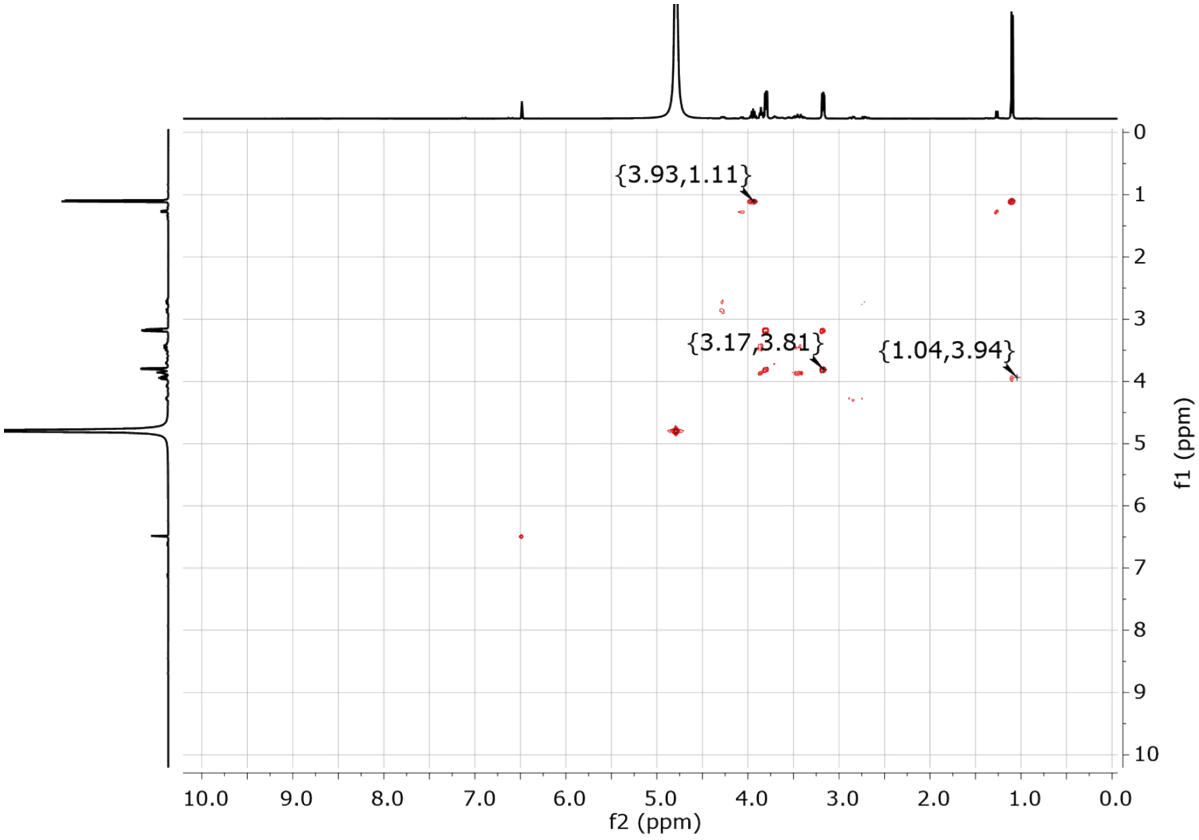

Figure S16. ^{1}H-^{1}H COSY contour map of nanoemulsion with PIL 2-HDEAMa in D_2O

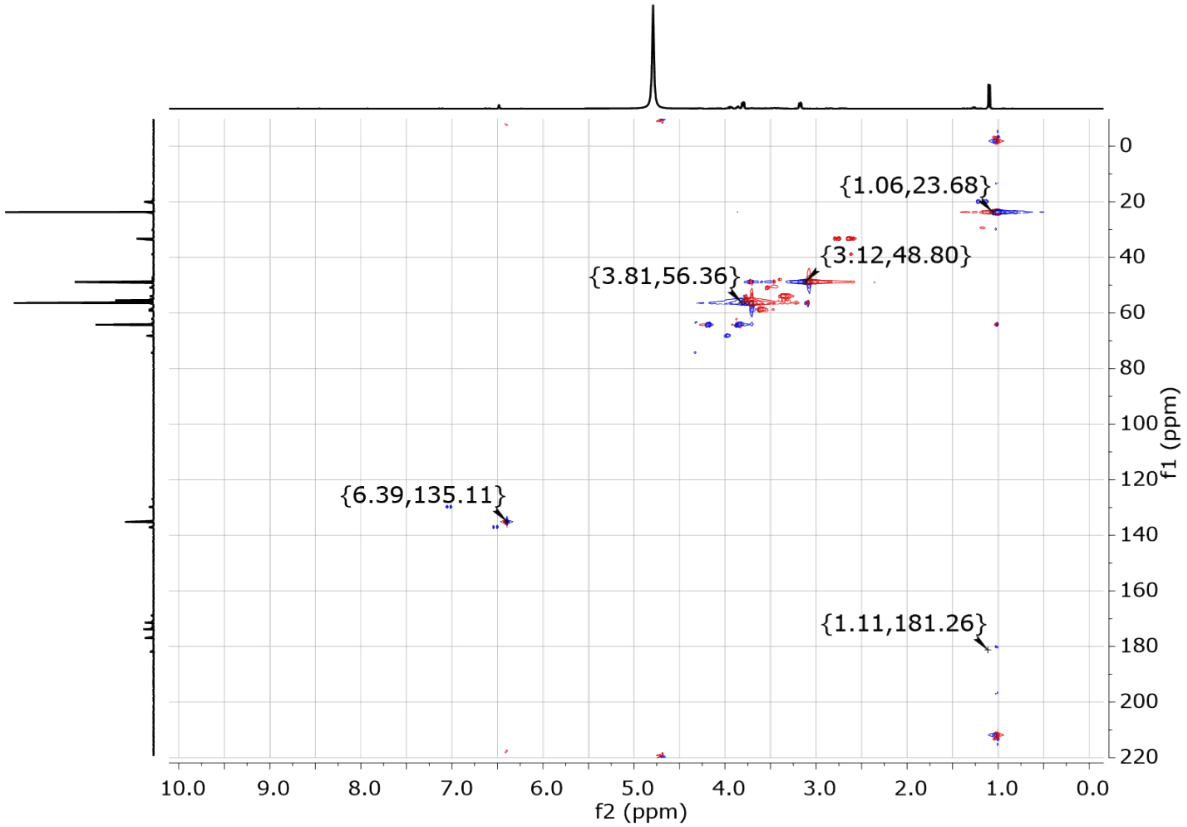

Figure S17. ^{1}H-^{13}C HSQC contour map of nanoemulsion with PIL 2-HDEAMa in D_2O

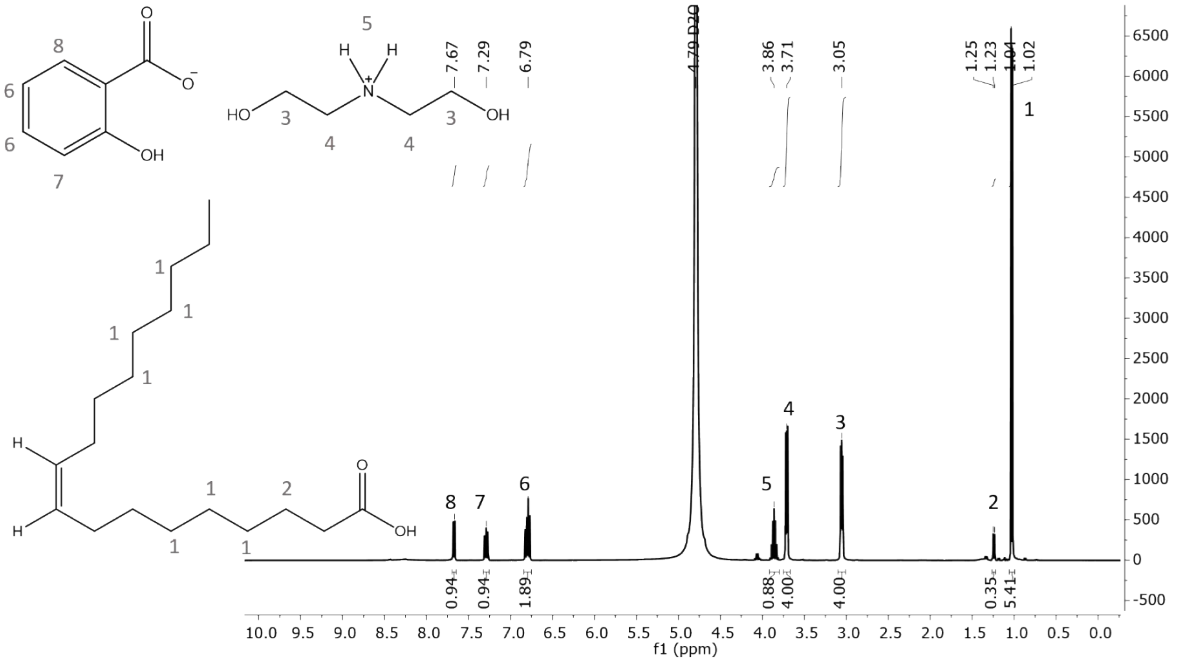

Figure S18. ^{1}H-NMR (400 MHz) spectra of nanoemulsion with PIL 2-HDEASa in D_2O

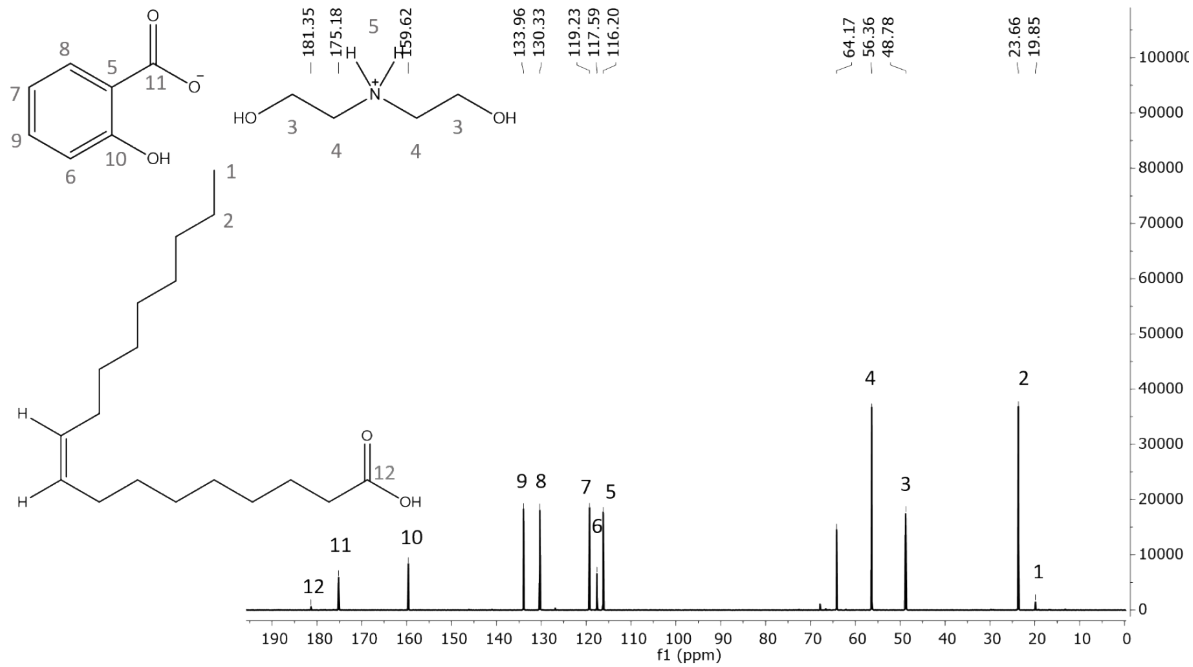

Figure S19. ^{13}C-NMR (100 MHz) spectra of nanoemulsion with PIL 2-HDEASa in D_2O

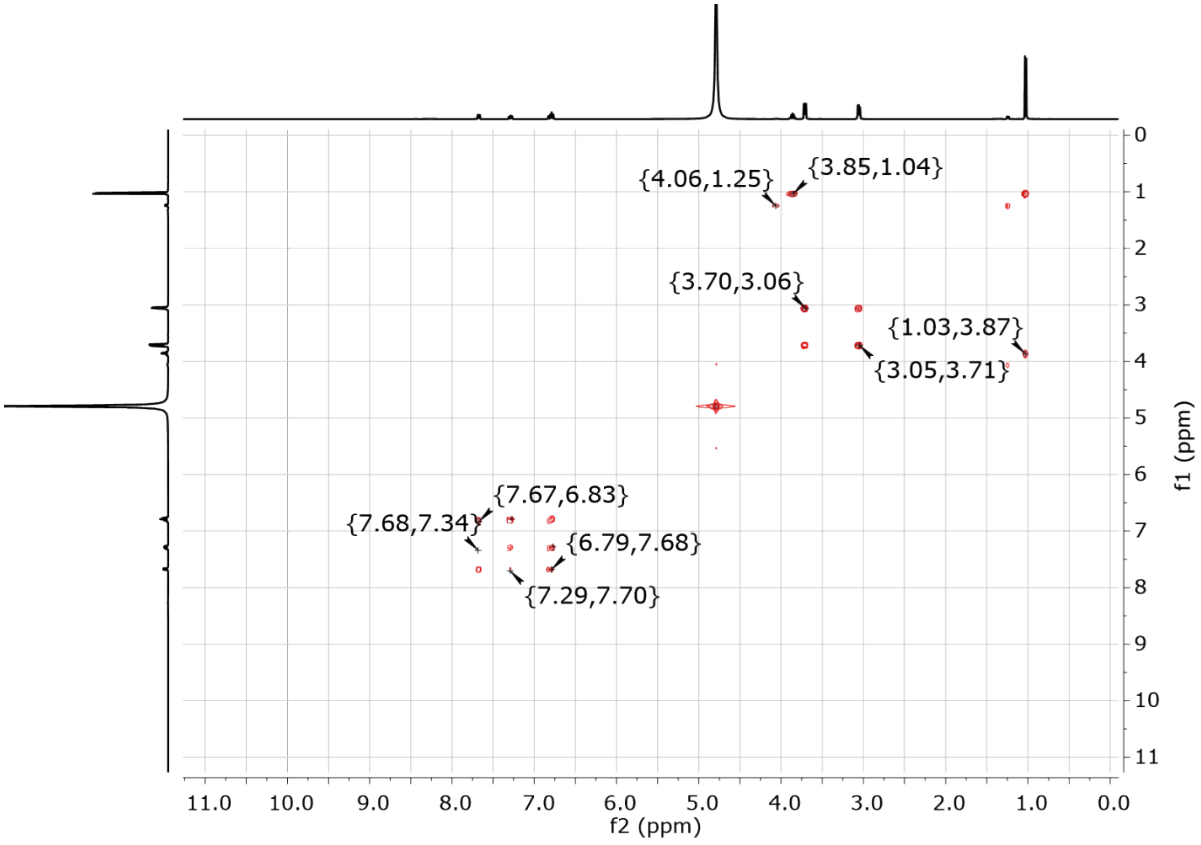

Figure S20. ^{1}H-^{1}H COSY contour map of nanoemulsion with PIL 2-HDEASa in D_2O

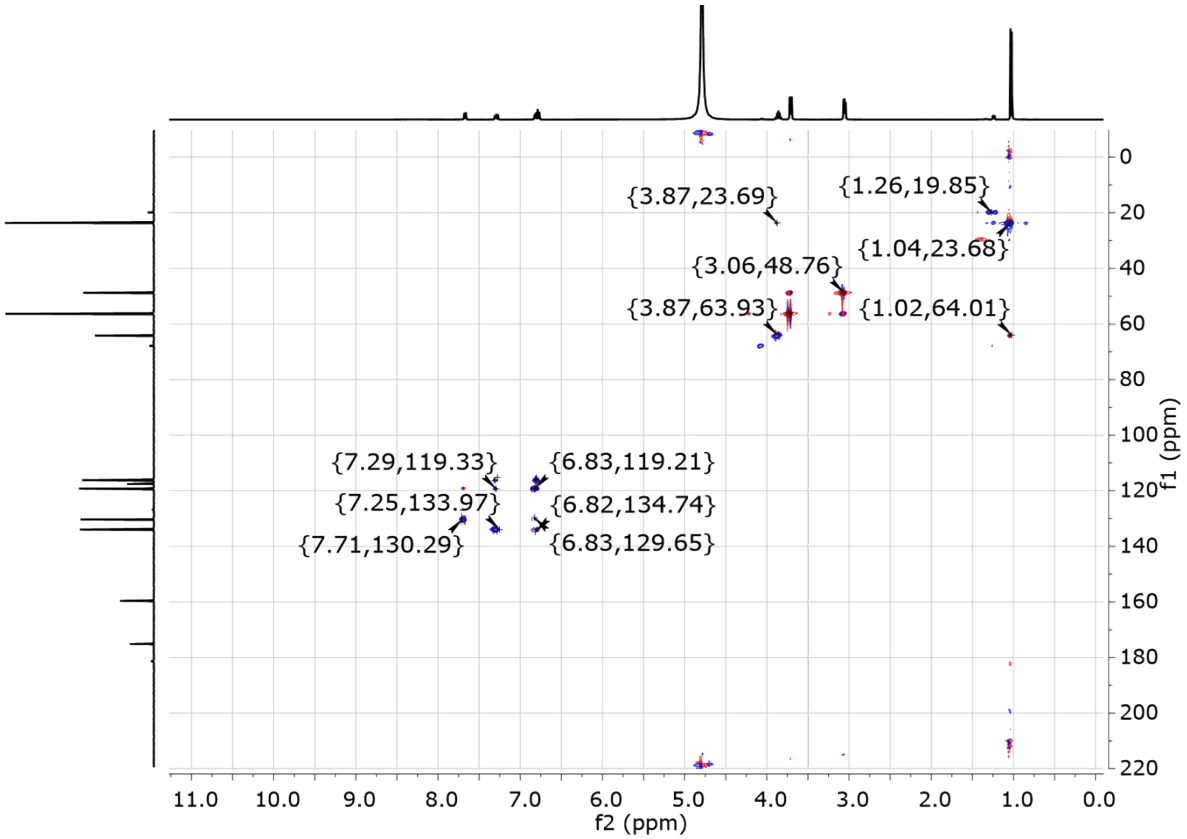

Figure S21. ^{1}H-^{13}C HSQC contour map of nanoemulsion with PIL 2-HDEASa in D_2O