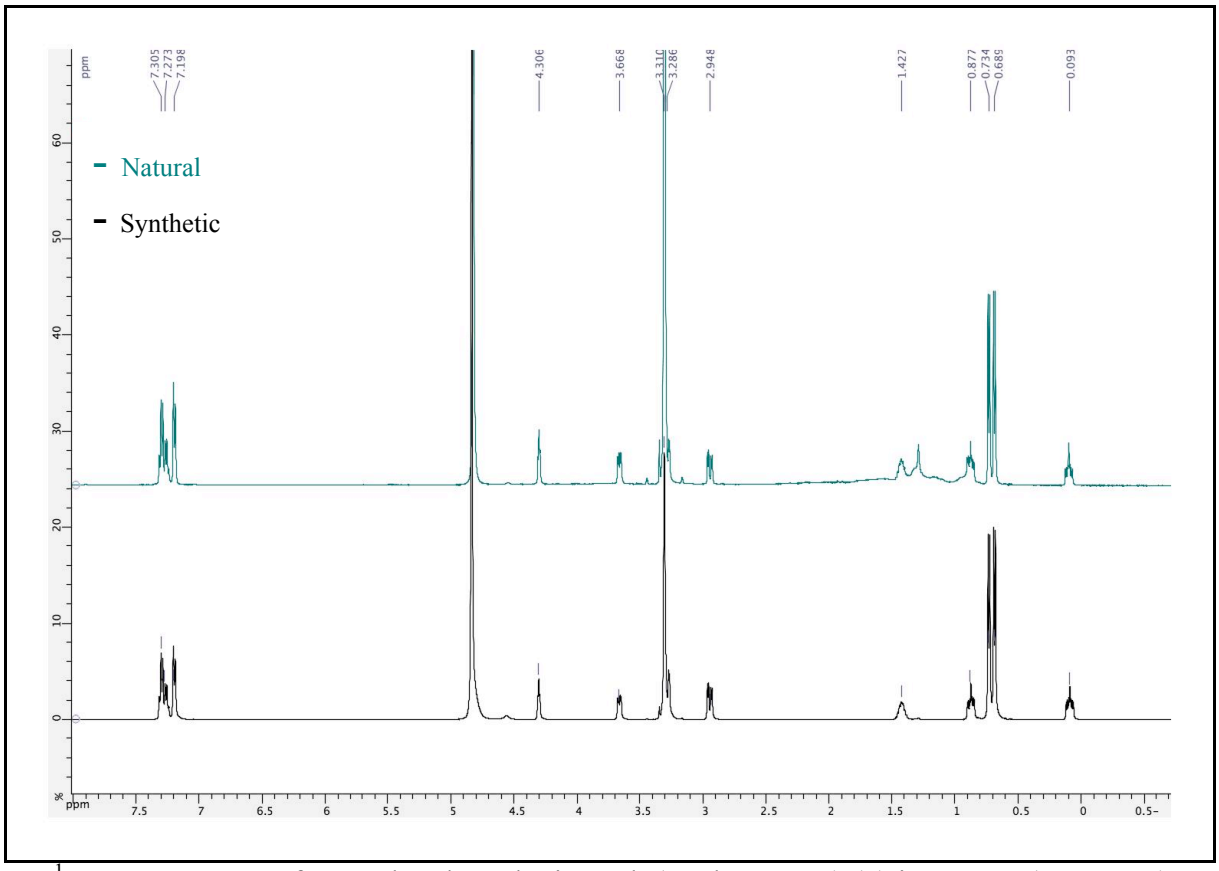
Supporting information:

MARINE NATURAL OCCURRING 2,5-DIKETOPIPERAZINES: ISOLATION, SYNTHESIS AND OPTICAL PROPERTIES

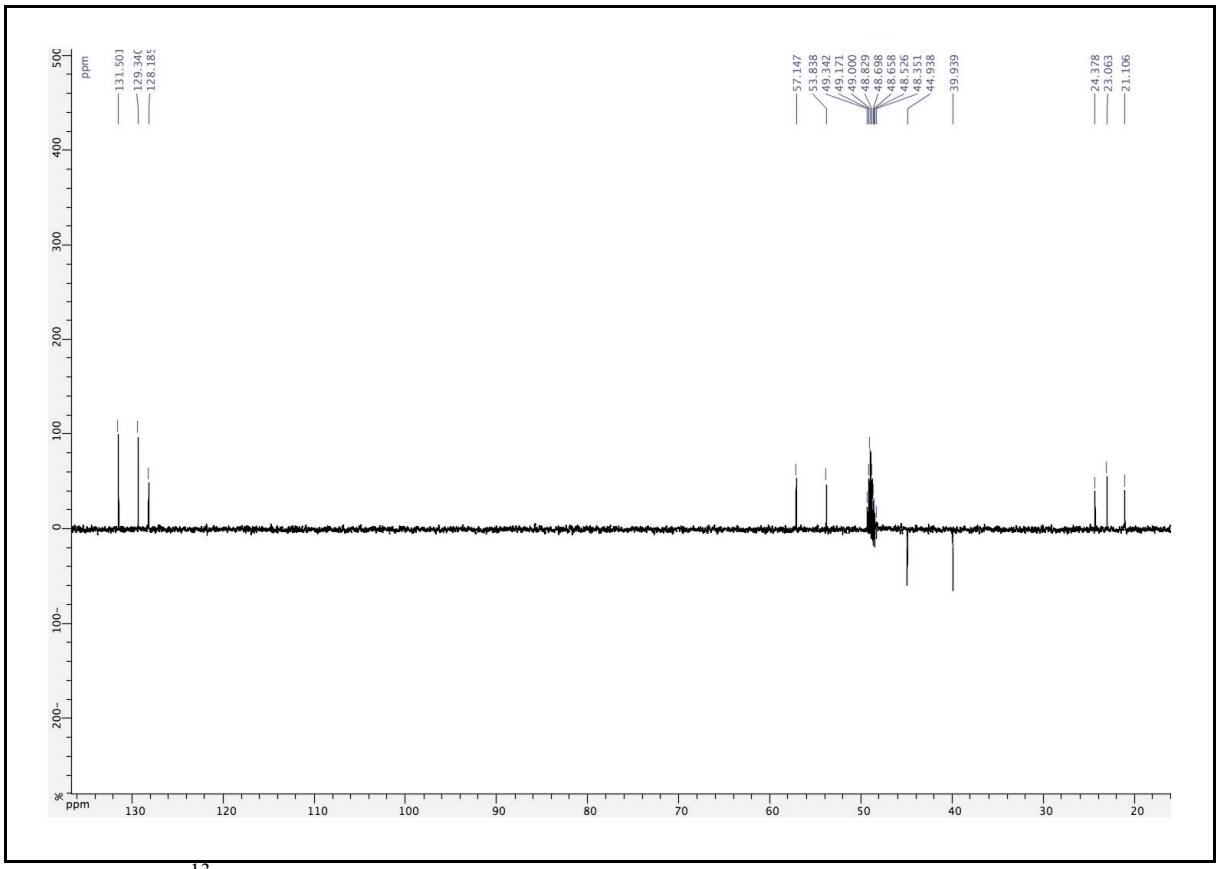
Rémi Laville,[1] Thanh Binh Nguyen,[1] Céline Moriou,[1] Sylvain Petek,[2] Cécile Debitus,[2] and Ali Al-Mourabit*[1]

[1] Centre de Recherche de Gif-sur-Yvette, Institut de Chimie des Substances Naturelles, CNRS, 91198, Gif-sur-Yvette Cedex, France. [2] IRD, UMR241, centre de Polynésie française, BP529, Papeete, French Polynesia, France.

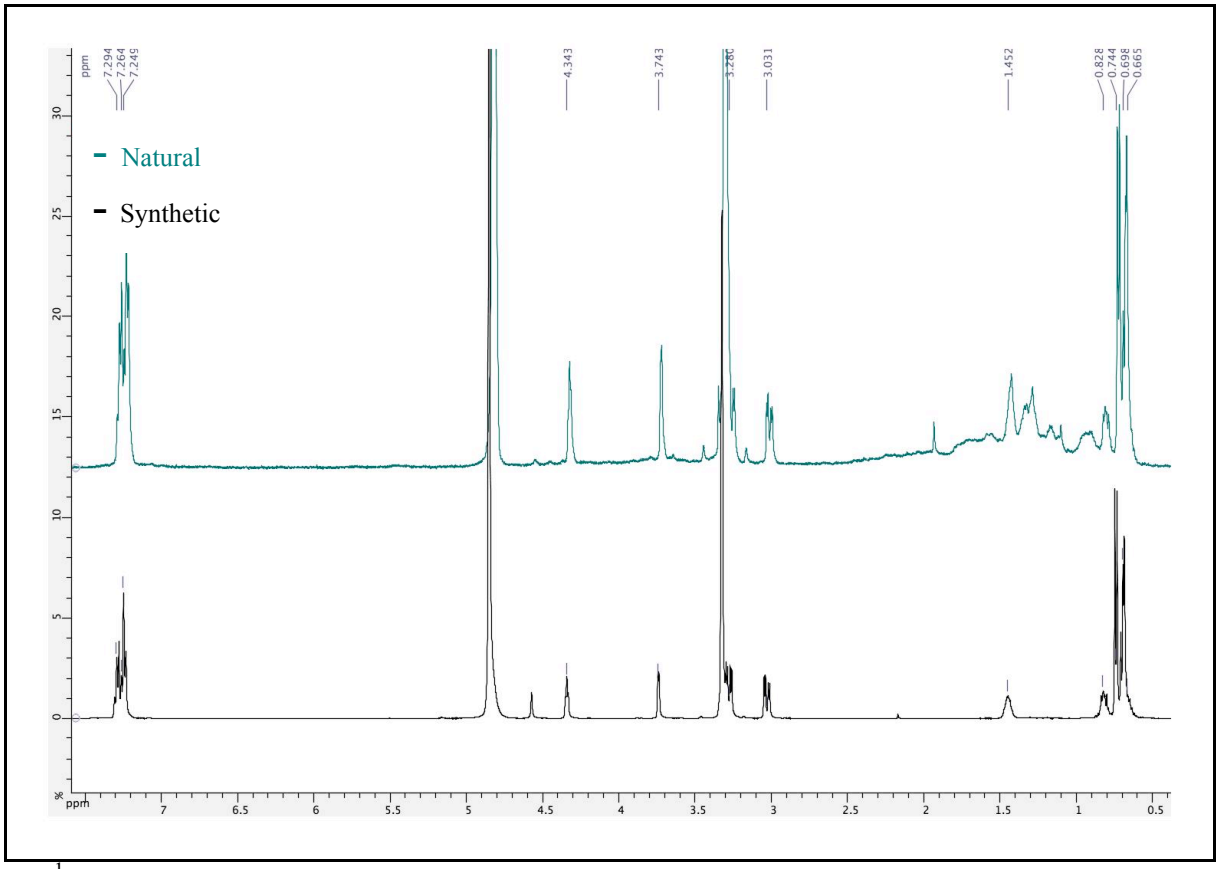
e-mail: ali.al-mourabit@icsn.cnrs-gif.fr.



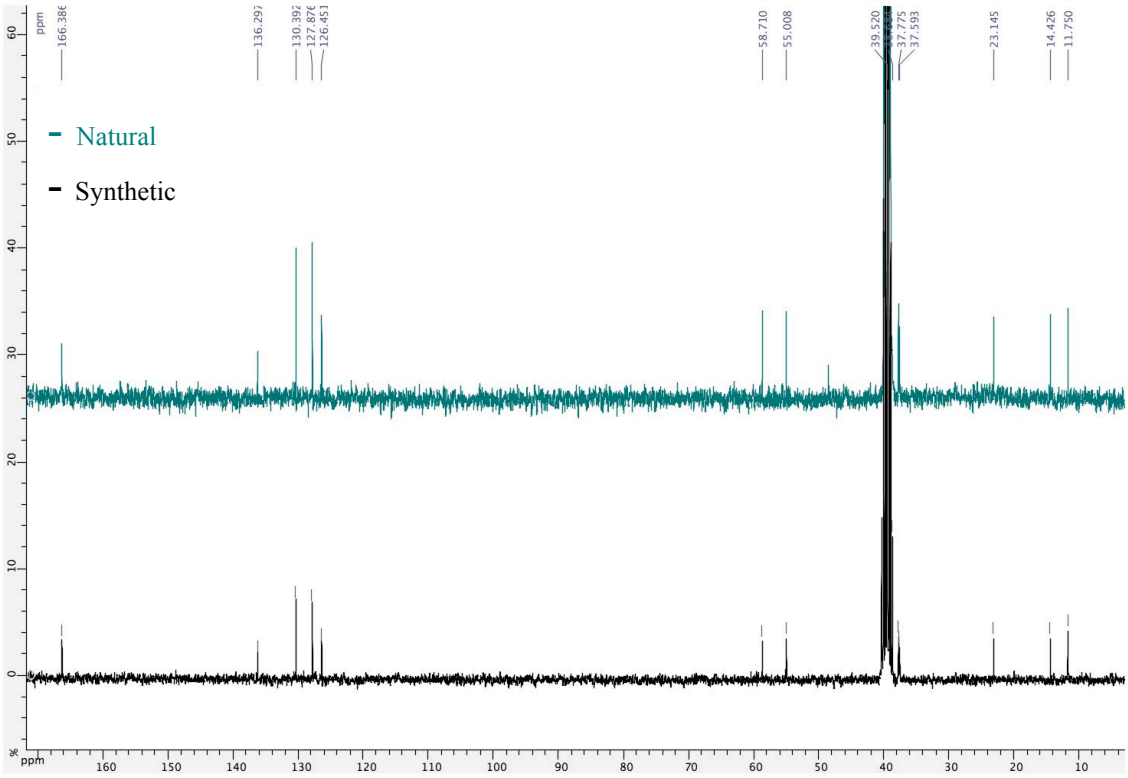
S1. ^{1}H NMR spectra of natural and synthetic cyclo(L-Phe-L-Leu) (**1**) in MeOD (500 MHz)



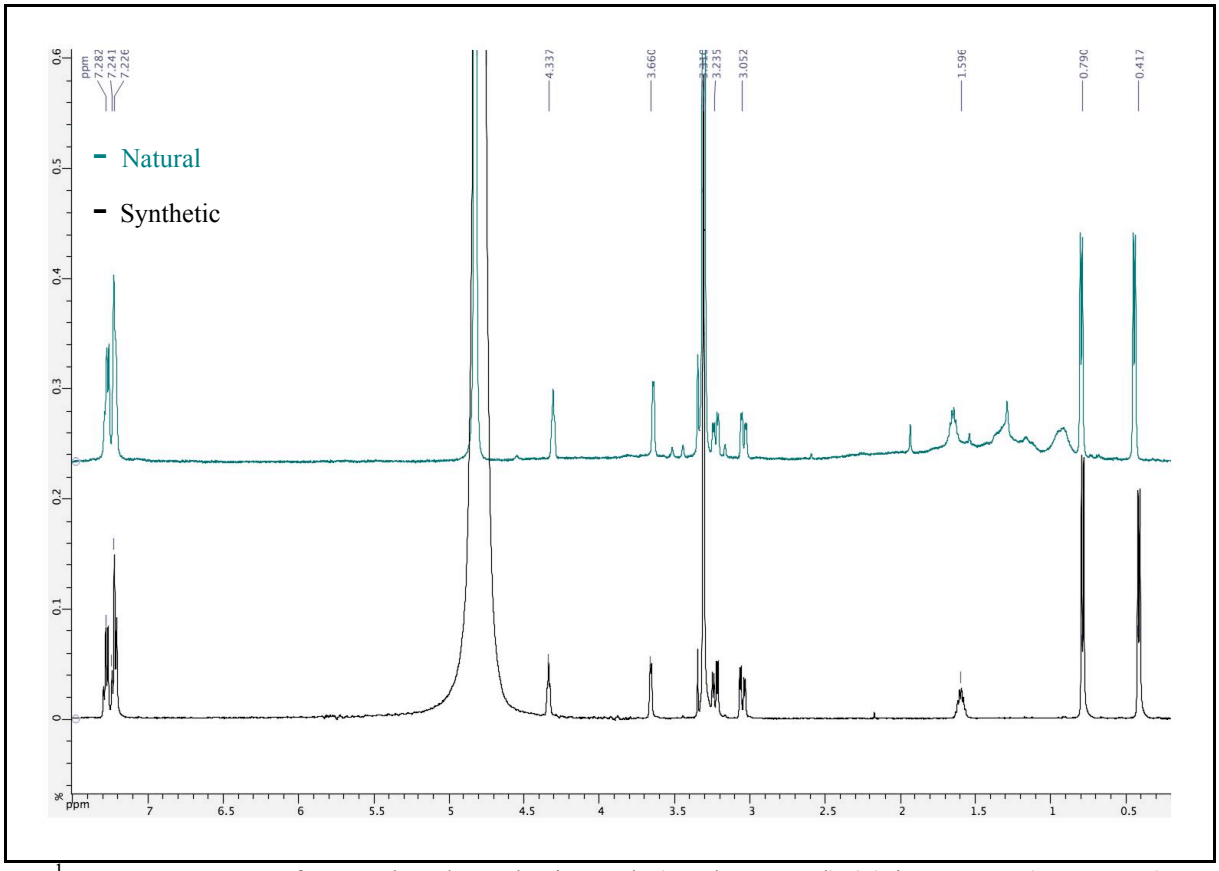
S2. DEPT135 ^{13}C NMR of natural cyclo(L-Phe-L-Leu) (**1**) in MeOD (150 MHz)



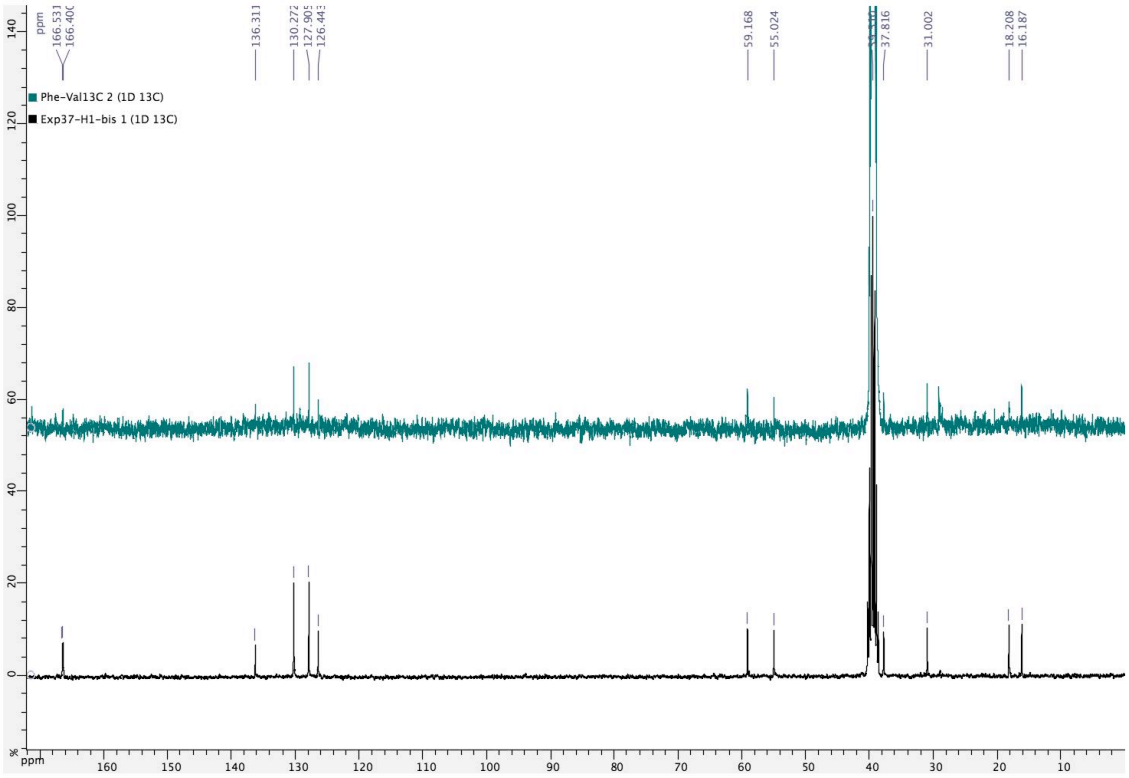
S3. ^{1}H NMR spectra of natural and synthetic cyclo(L-Phe-L-iLeu) (**2**) in MeOD (500 MHz)



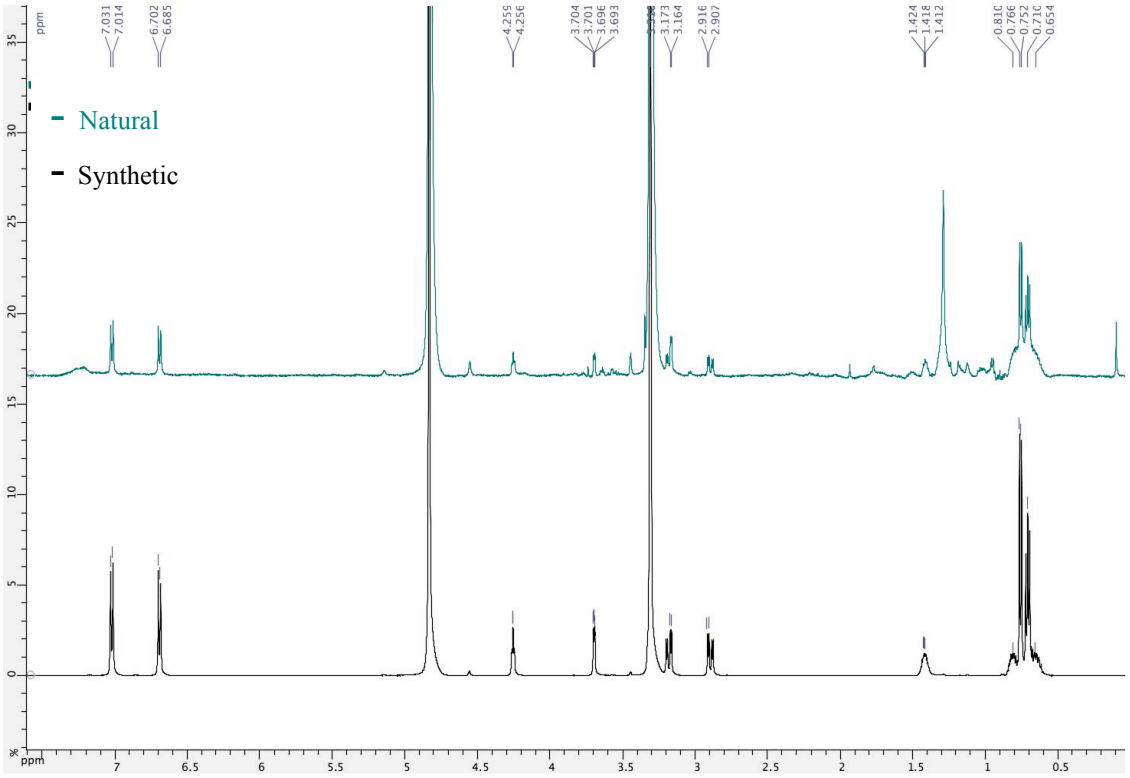
S4. ^{13}C NMR spectra of natural and synthetic cyclo(L-Phe-L-iLeu) (**2**) in MeOD (125 MHz)



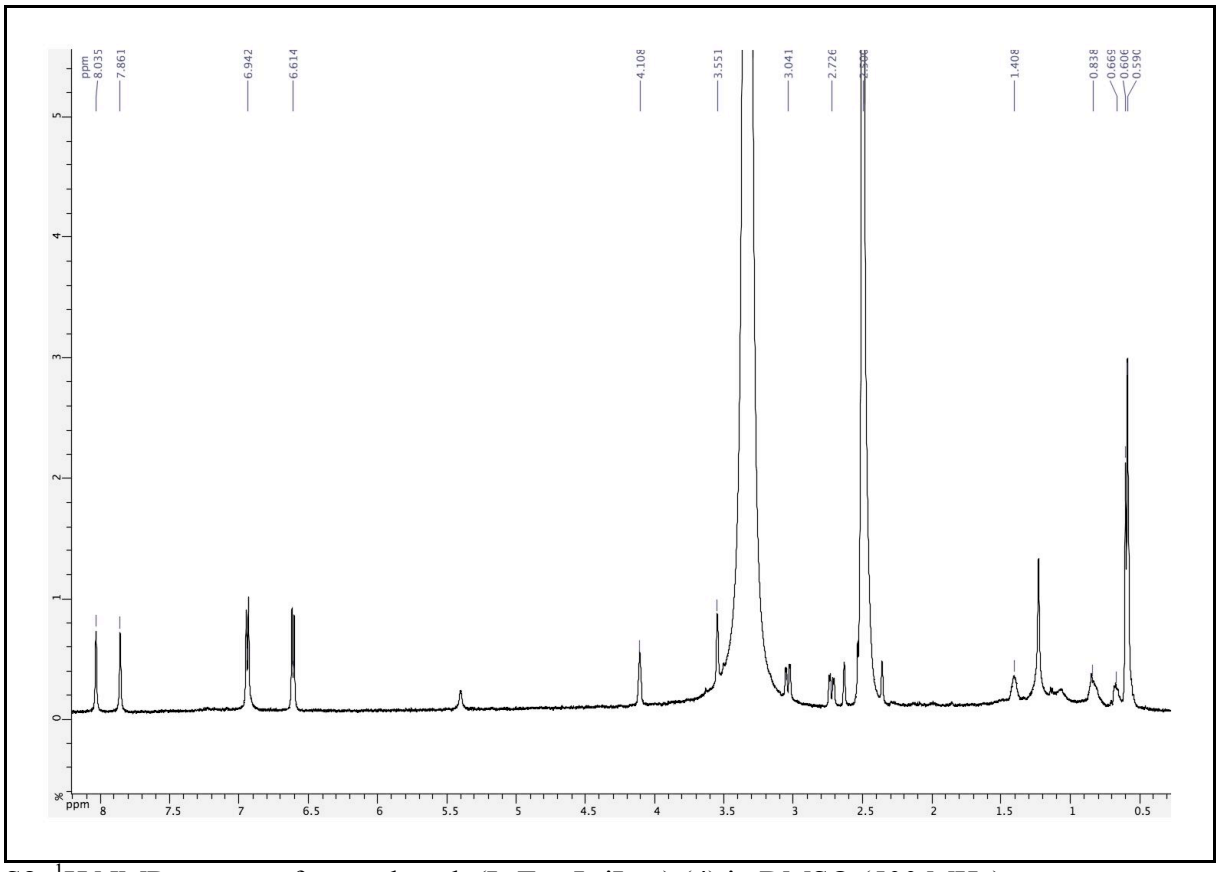
S5. ^{1}H NMR spectra of natural and synthetic cyclo(L-Phe-L-Val) (**3**) in MeOD (500 MHz)



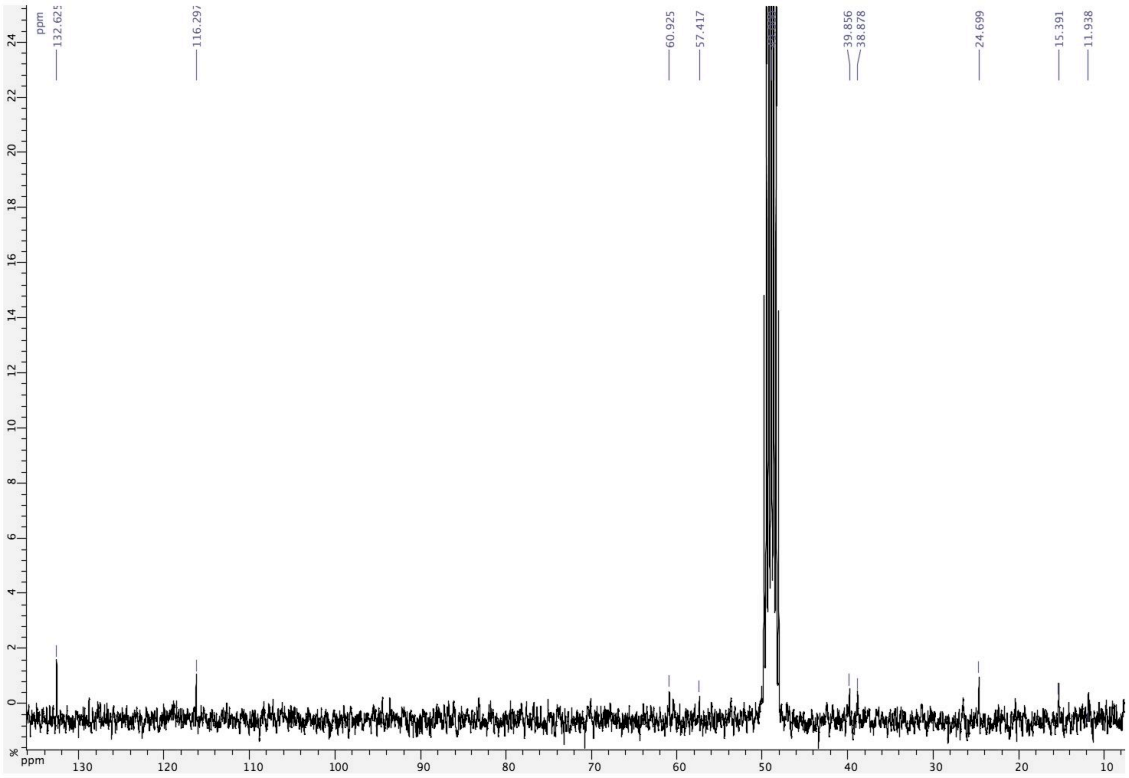
S6. ^{13}C NMR spectra of natural and synthetic cyclo(L-Phe-L-Val) (**3**) in MeOD (125 MHz)



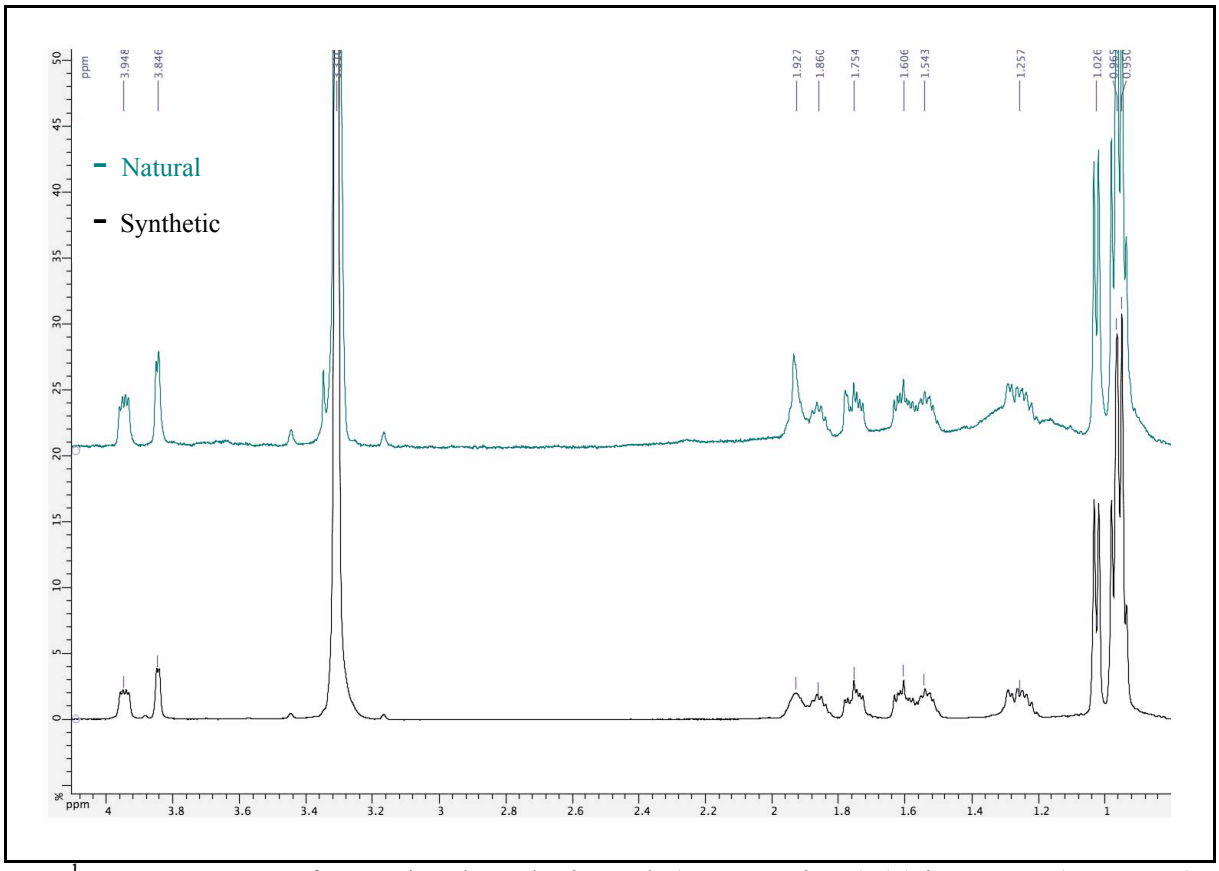
S7. ^{1}H NMR spectra of natural and synthetic cyclo(L-Tyr-L-iLeu) (**4**) in MeOD (500 MHz)



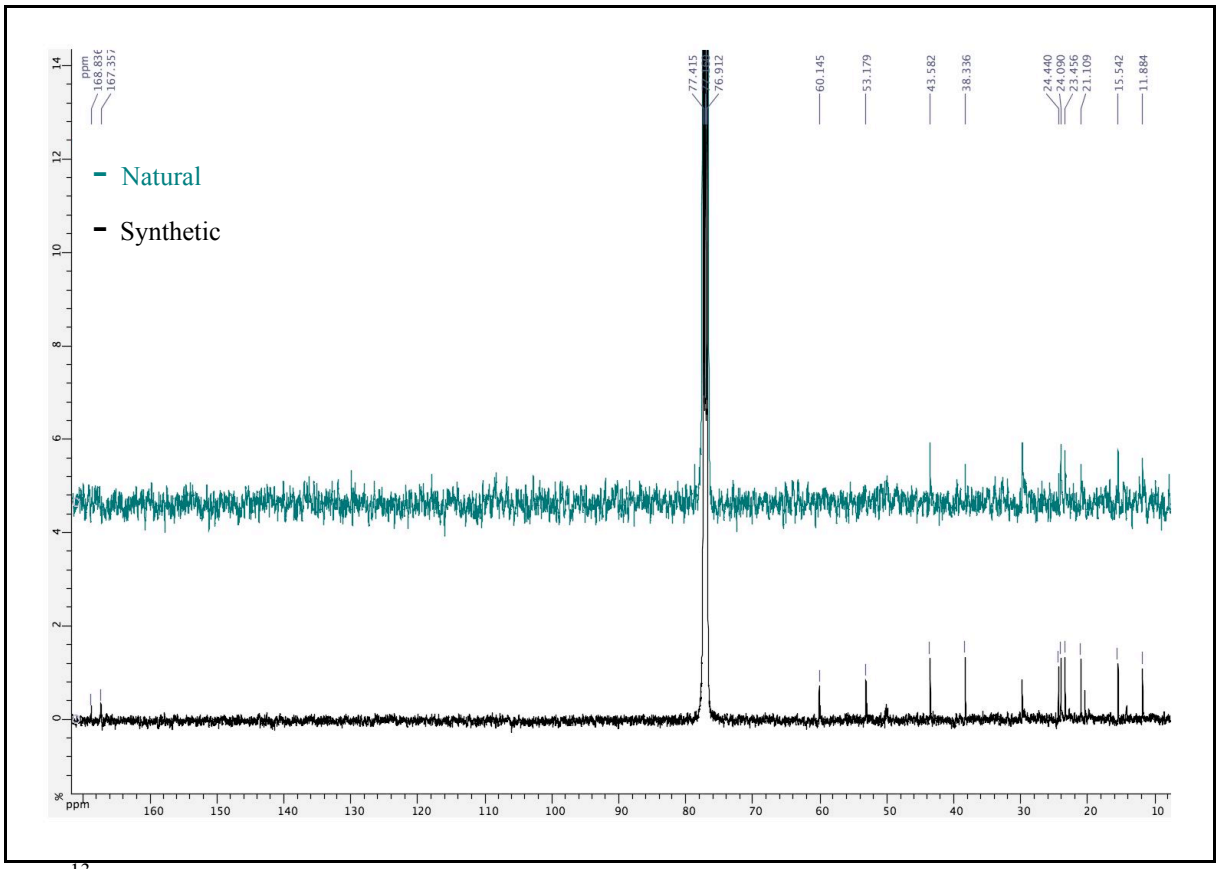
S8. ^{1}H NMR spectra of natural cyclo(L-Tyr-L-iLeu) (**4**) in DMSO (500 MHz)



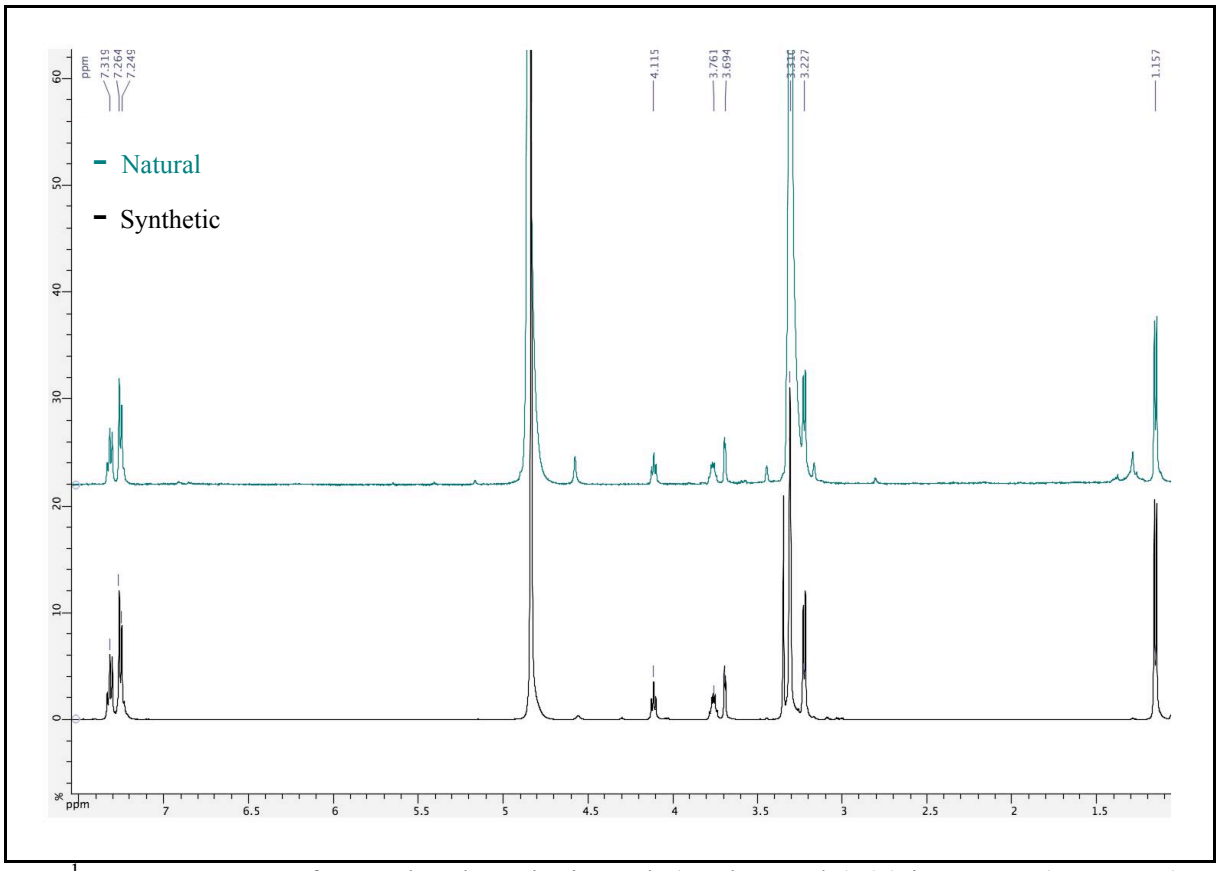
S9. ^{13}C NMR spectra of synthetic cyclo(L-Tyr-L-iLeu) (**4**) in MeOD (125 MHz)



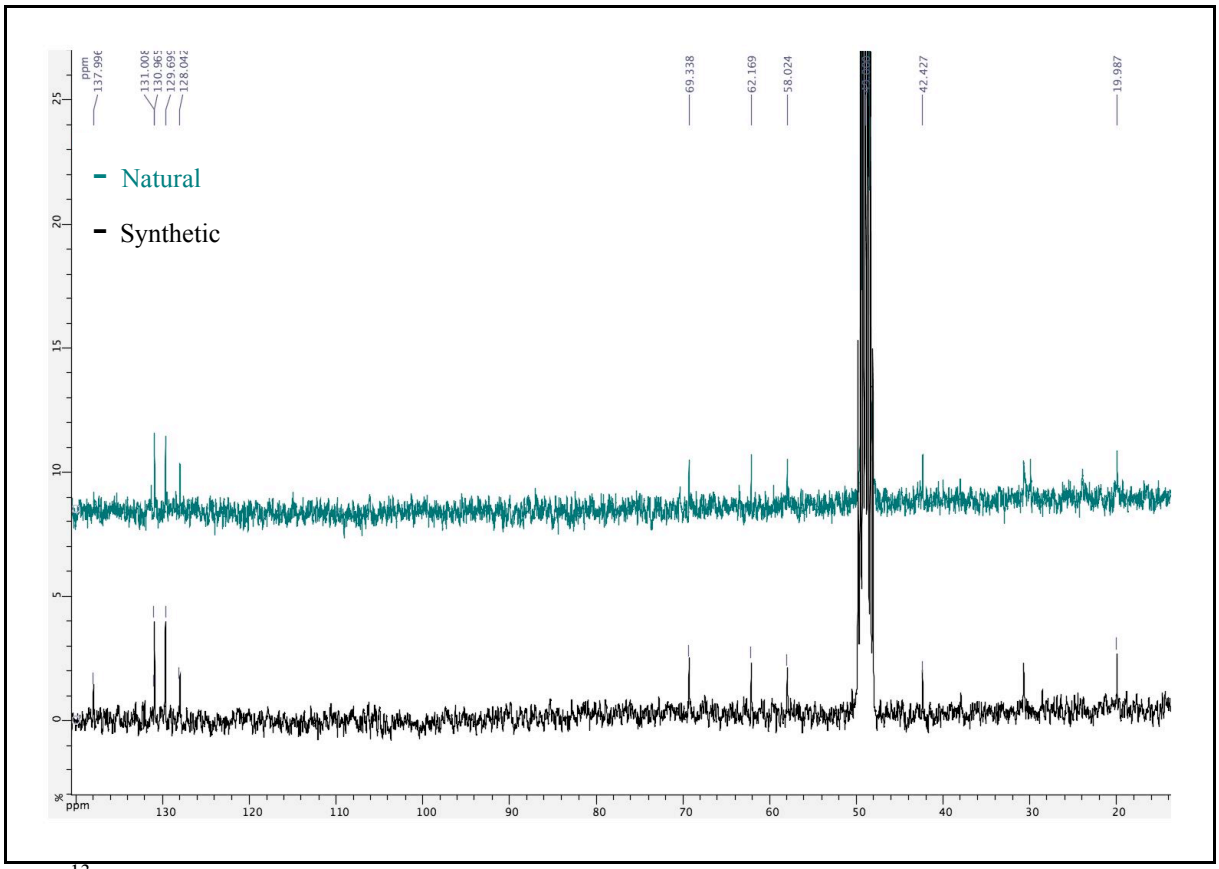
S10. ^{1}H NMR spectra of natural and synthetic cyclo(L-Leu-L-iLeu) (**5**) in MeOD (500 MHz)



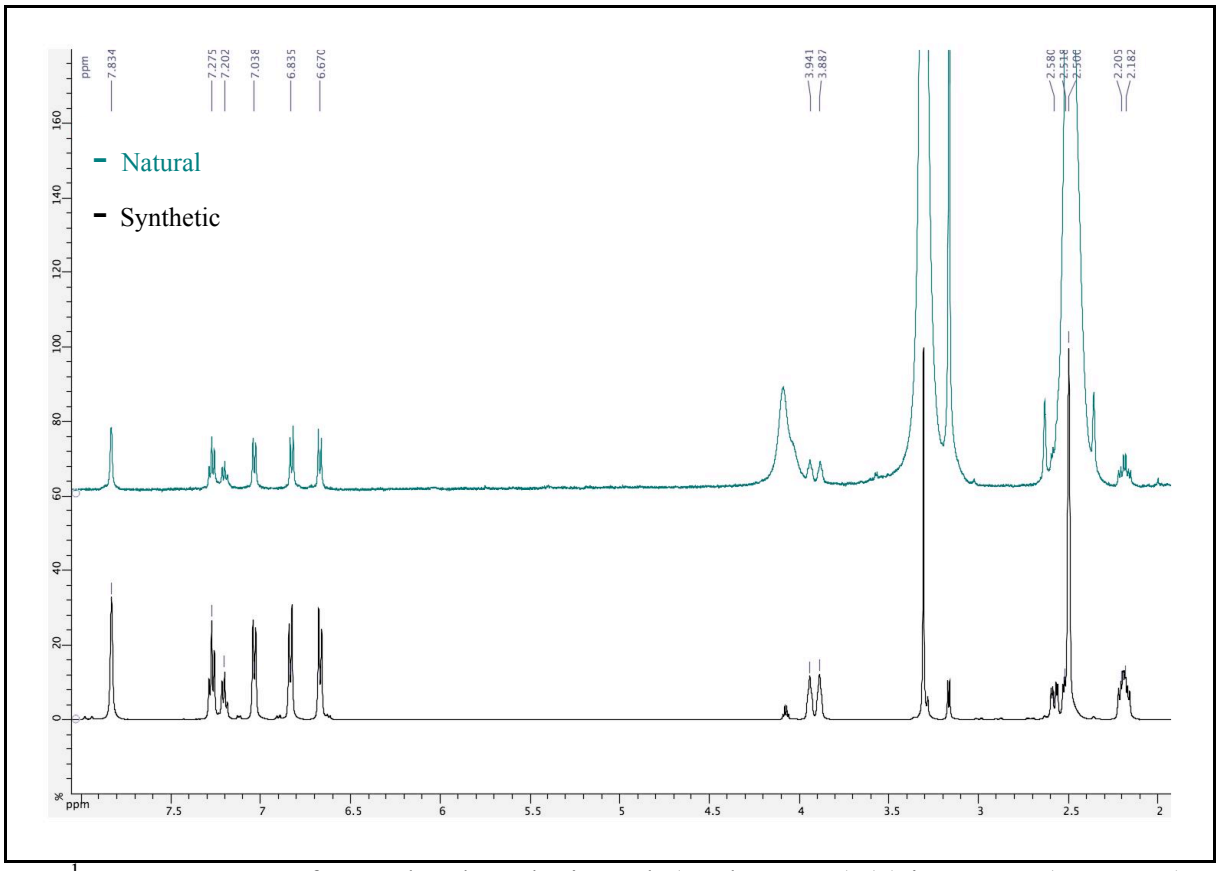
S11. ^{13}C NMR spectra of natural and synthetic cyclo(L-Leu-L-iLeu) (**5**) in CDCl3 (125 MHz)



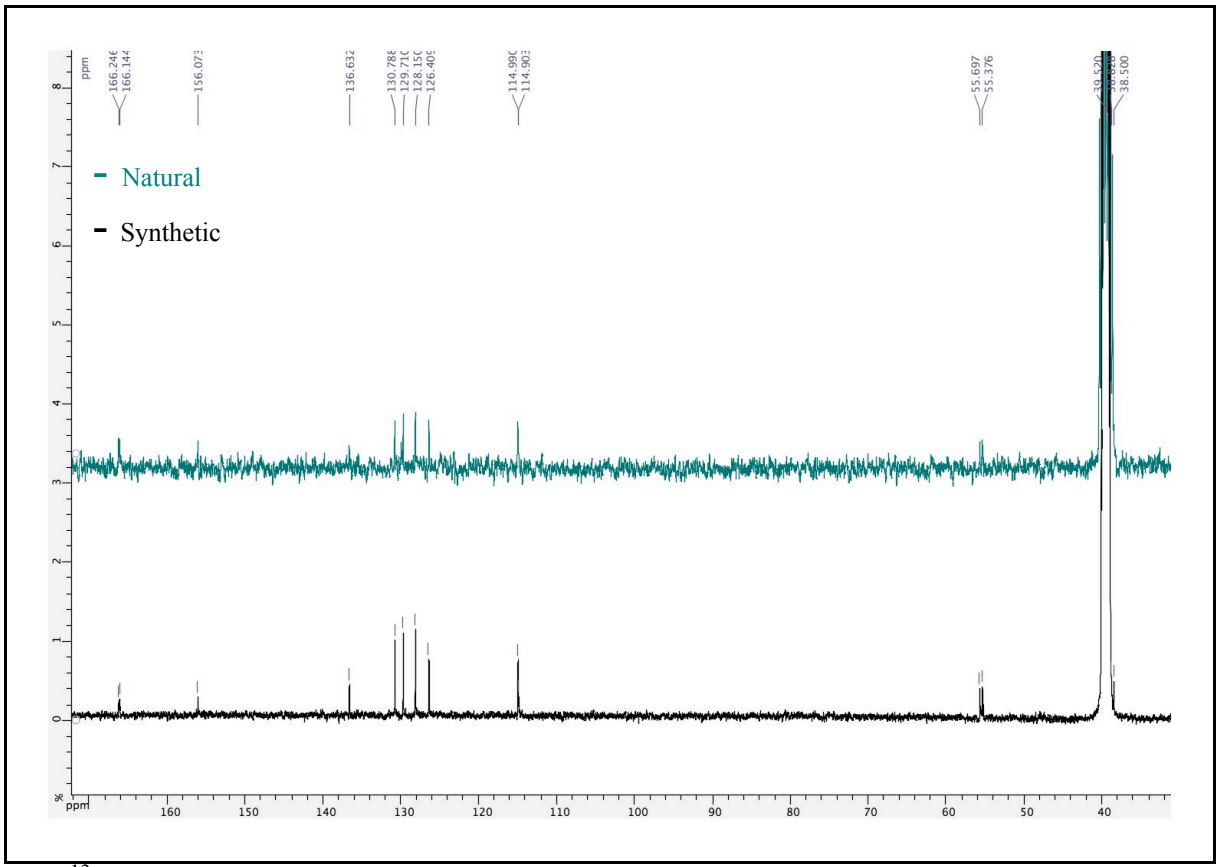
S12. ^{1}H NMR spectra of natural and synthetic cyclo(L-Phe-L-Thr) (**6**) in MeOD (500 MHz)



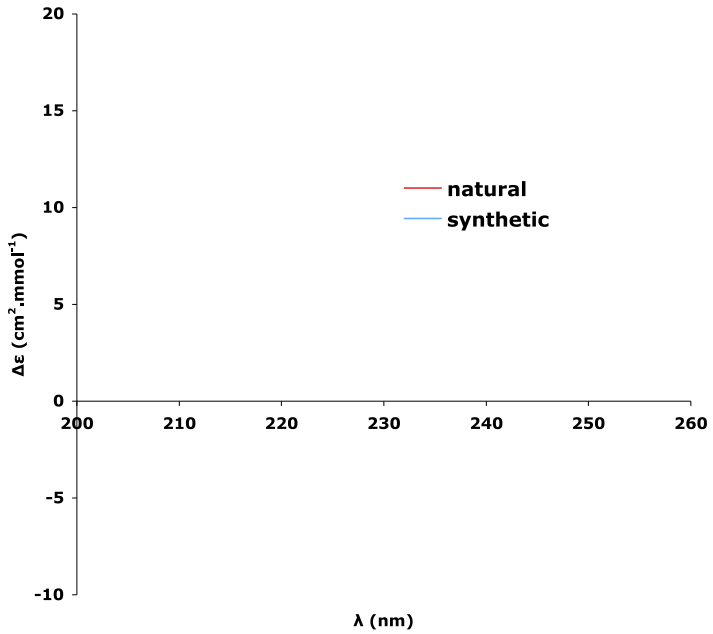
S13. ^{13}C NMR spectra of natural and synthetic cyclo(L-Phe-L-Thr) (**6**) in MeOD (125 MHz)



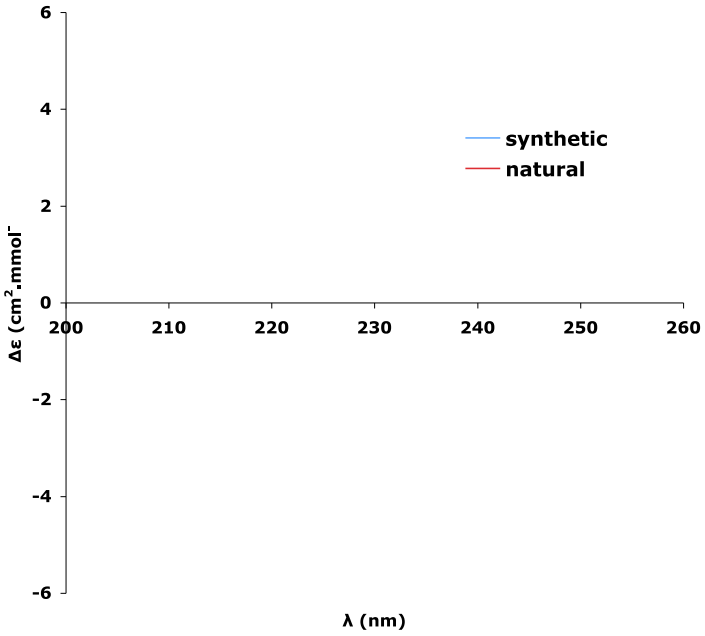
S14. ^{1}H NMR spectra of natural and synthetic cyclo(L-Phe-L-Tyr) (**7**) in DMSO (500 MHz)



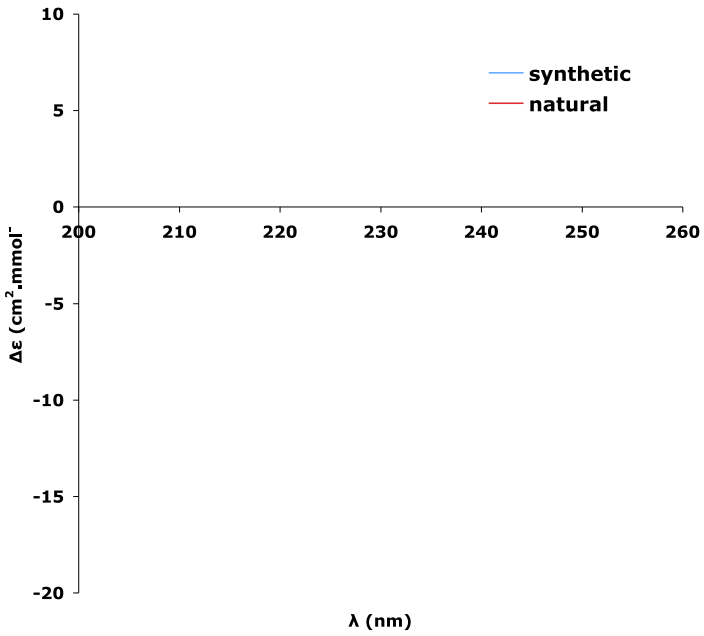
S15. ^{13}C NMR spectra of natural and synthetic cyclo(L-Phe-L-Tyr) (**7**) in DMSO (500 MHz)



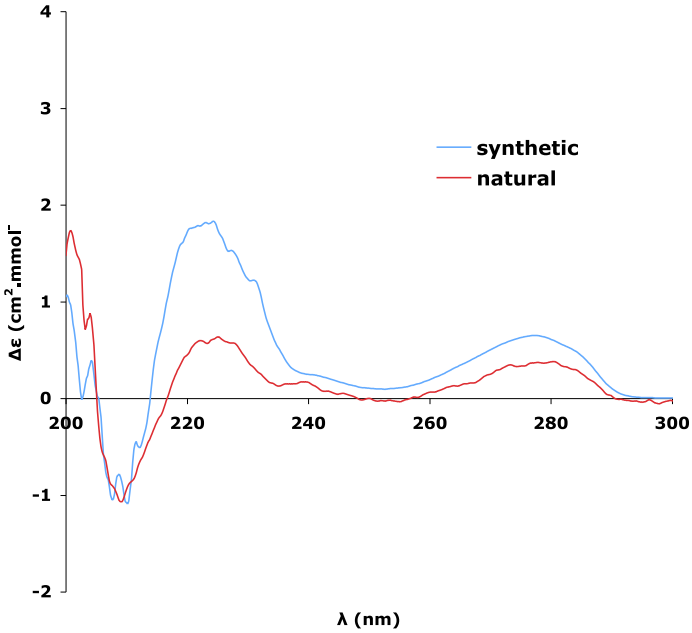
S16. Molecular Circular Dichroism spectra of cyclo(L-Phe-L-Leu) (**1**) in MeOH (10^{-5} M)



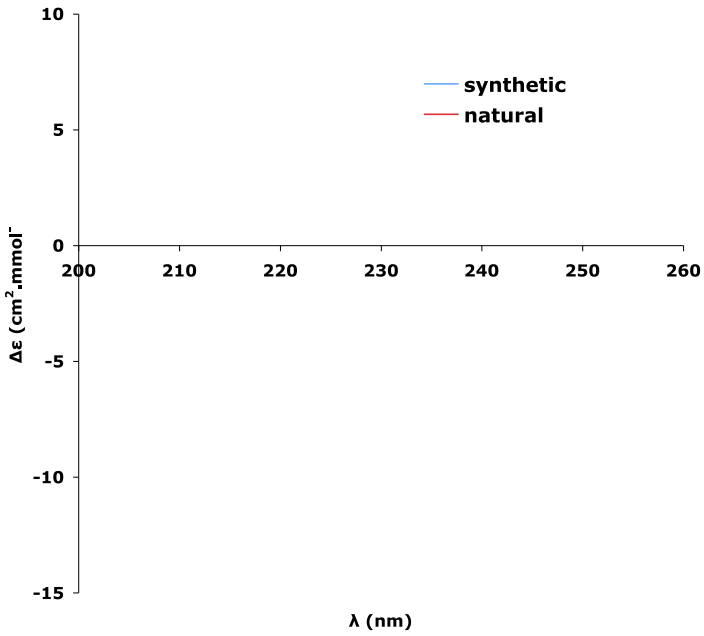
S17. Molecular Circular Dichroism spectra of cyclo(L-Phe-L-iLeu) (**2**) in MeOH (10^{-5} M)



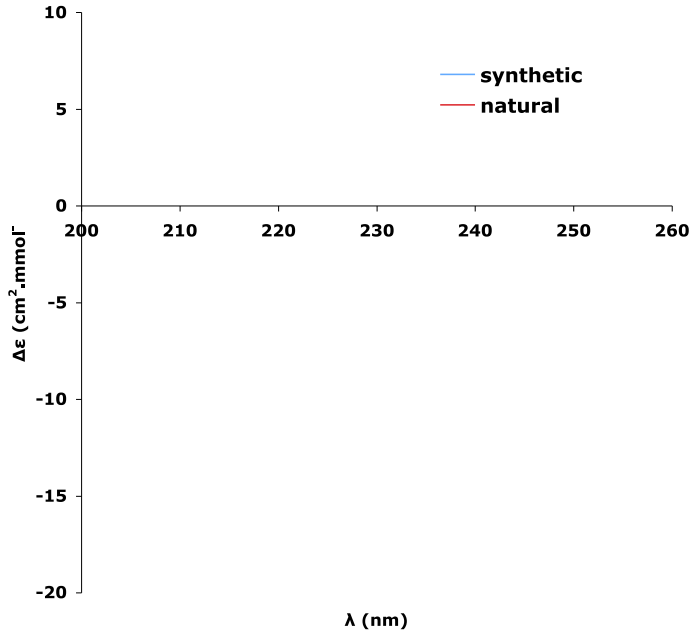
S18. Molecular Circular Dichroism spectra of cyclo(L-Phe-L-Val) (**3**) in MeOH (10^{-5} M)



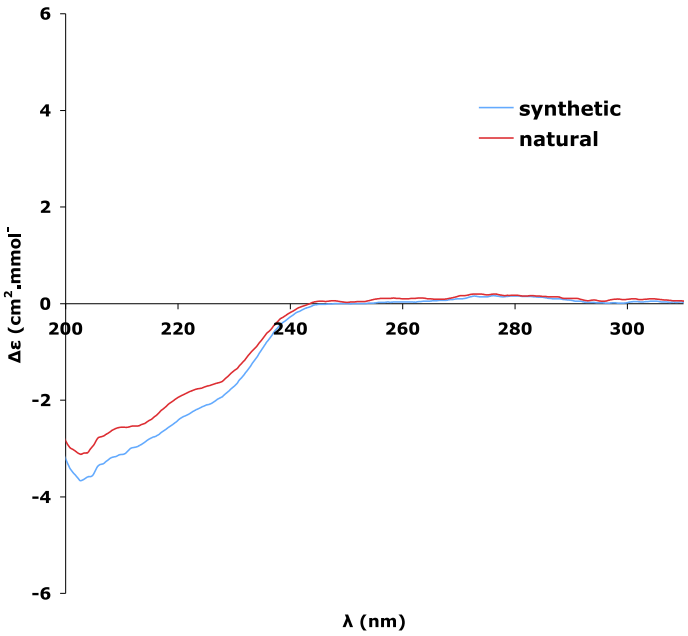
S19. Molecular Circular Dichroism spectra of cyclo(L-Tyr-L-iLeu) (**4**) in MeOH (10^{-5} M)



S20. Molecular Circular Dichroism spectra of cyclo(L-Leu-L-iLeu) (**5**) in MeOH (10^{-5} M)



S21. Molecular Circular Dichroism spectra of cyclo(L-Phe-L-Thr) (**6**) in MeOH (10^{-5} M)



S22. Molecular Circular Dichroism spectra of cyclo(L-Phe-L-Tyr) (**7**) in MeOH (10^{-5} M)