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SUPPLEMENTARY INFORMATION

Heterofunctional Carbosilane Polyphenolic Dendrons: New antioxidants Platforms

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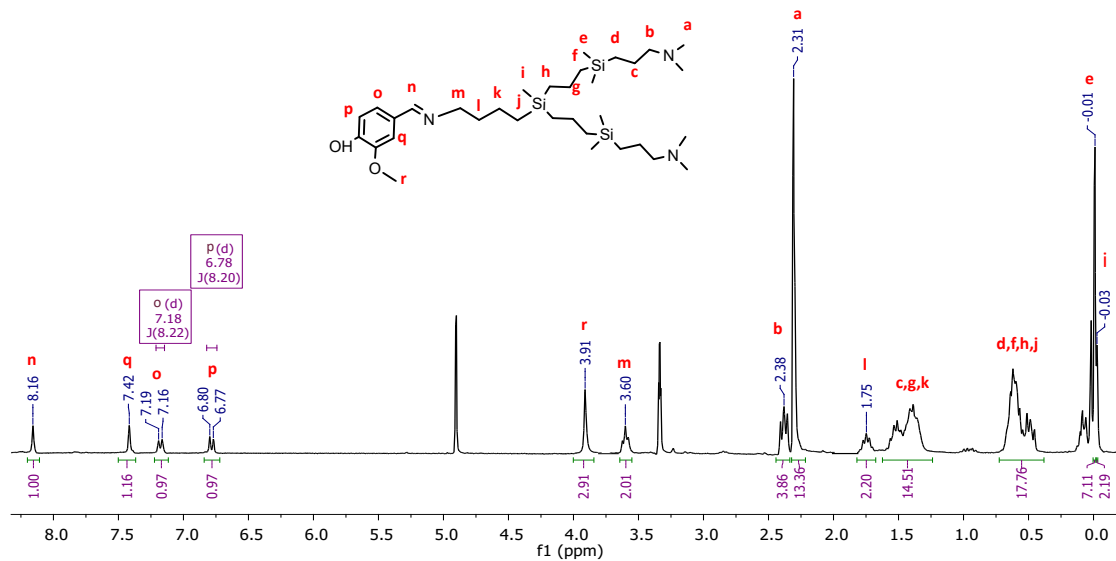


Figure S1. ^1H -NMR of dendritic polyphenol (1) in CD_3OD .

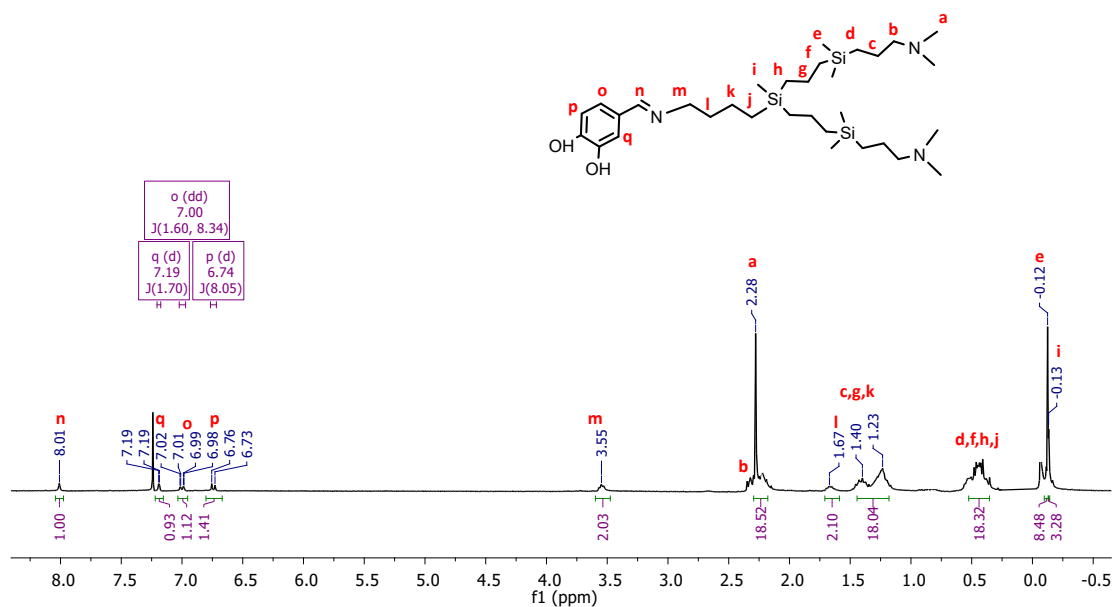


Figure S2. ^1H -NMR of dendritic polyphenol (2) in CDCl_3 .

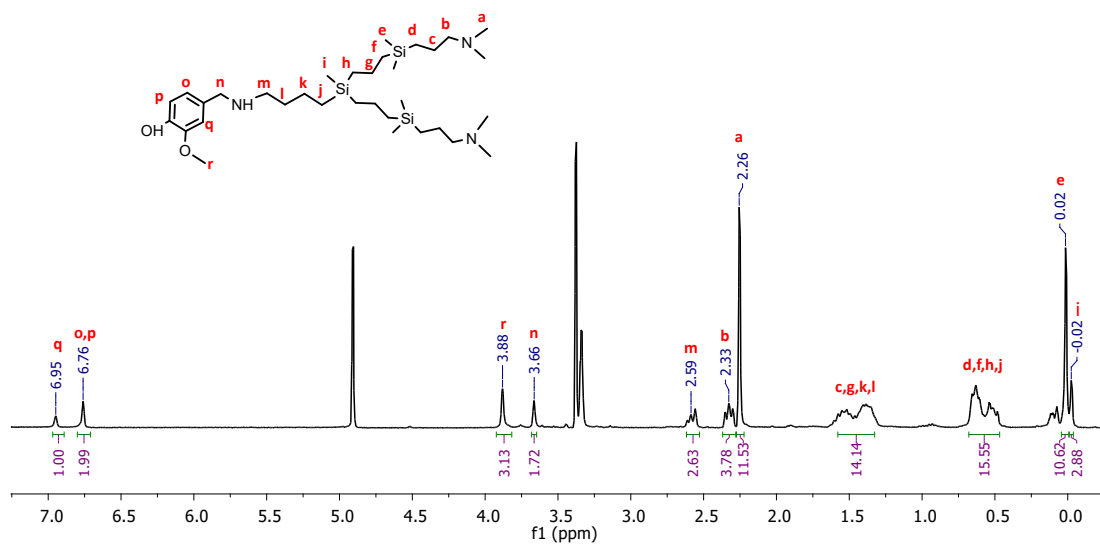


Figure S3. ¹H-NMR of dendritic polyphenol (**3**) in CD₃OD

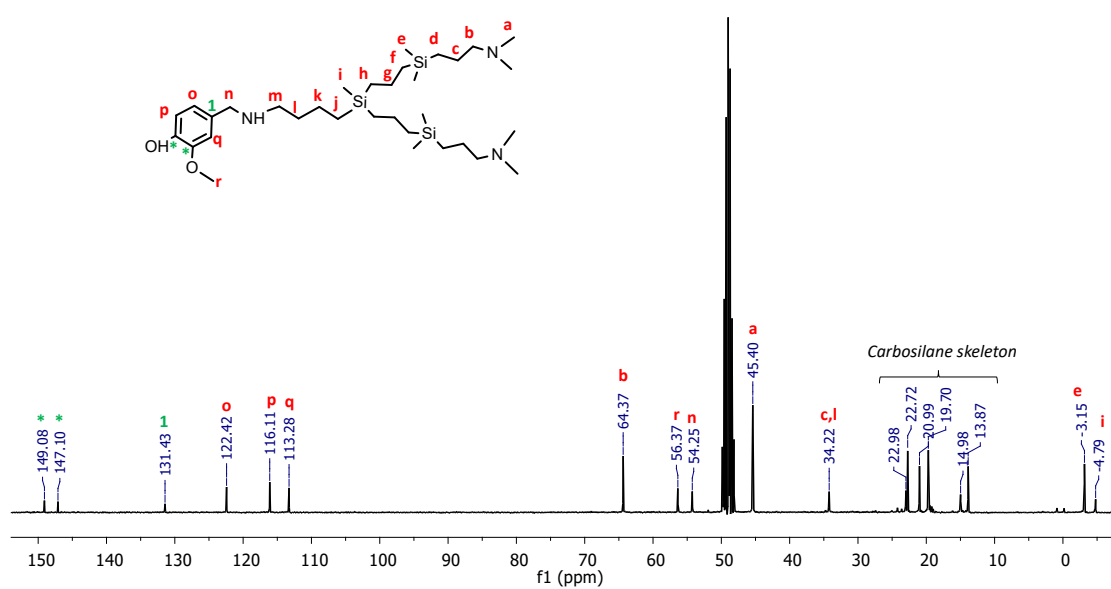


Figure S4. ¹³C-NMR of dendritic polyphenol (**3**) in CD₃OD.

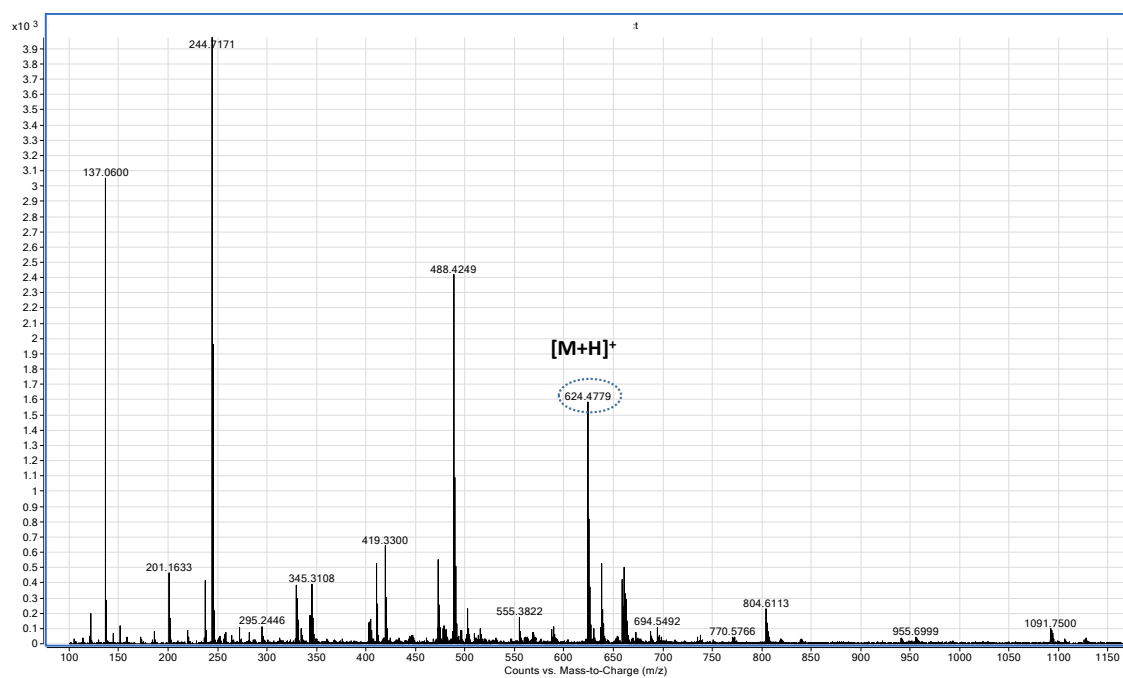


Figure S5. Mass Spectrometry (ESI-TOF) of dendritic polyphenol (**3**)

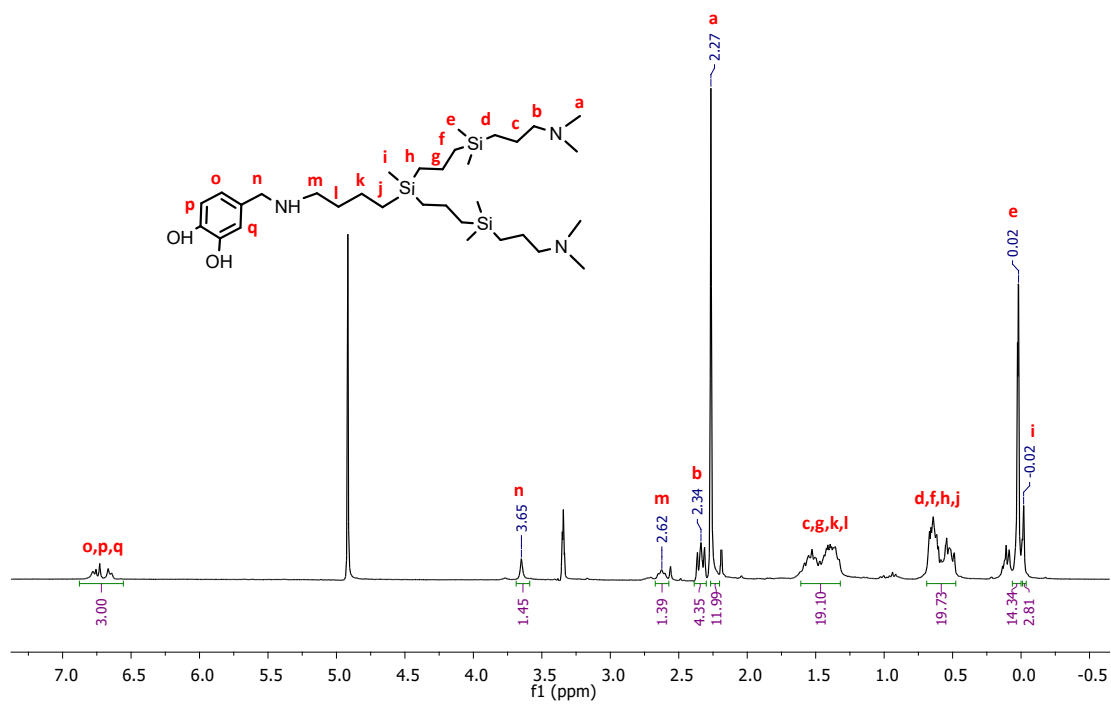


Figure S6. ^1H -NMR of dendritic polyphenol (**4**) in CD_3OD .

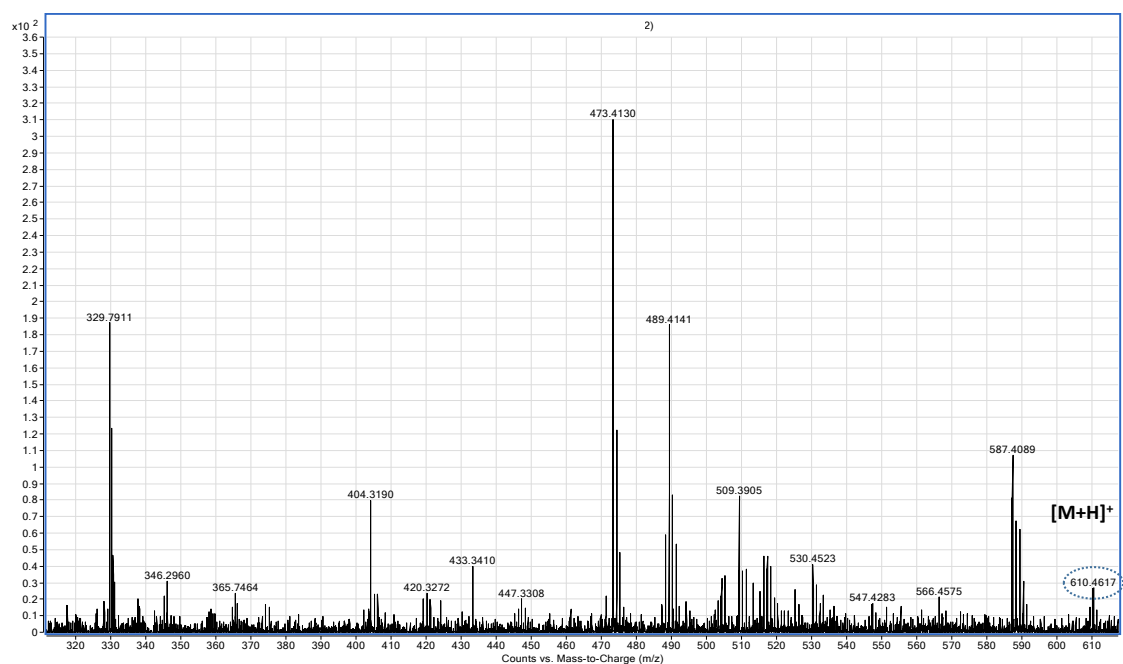


Figure S7. Mass Spectrometry (ESI-TOF) of dendritic polyphenol (**4**)

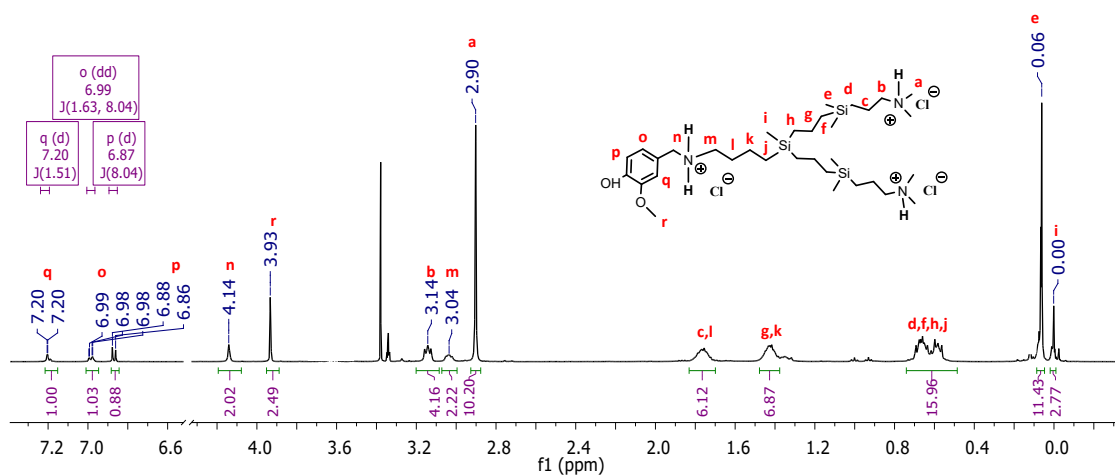


Figure S8. ^1H -NMR of dendritic polyphenol (**5**) in CD_3OD .

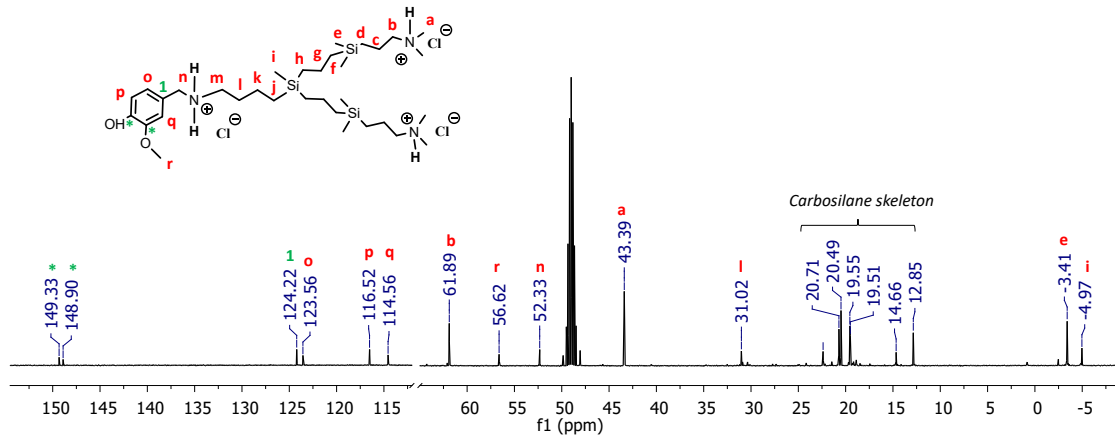


Figure S9. ^{13}C -NMR of dendritic polyphenol (**5**) in CD_3OD .

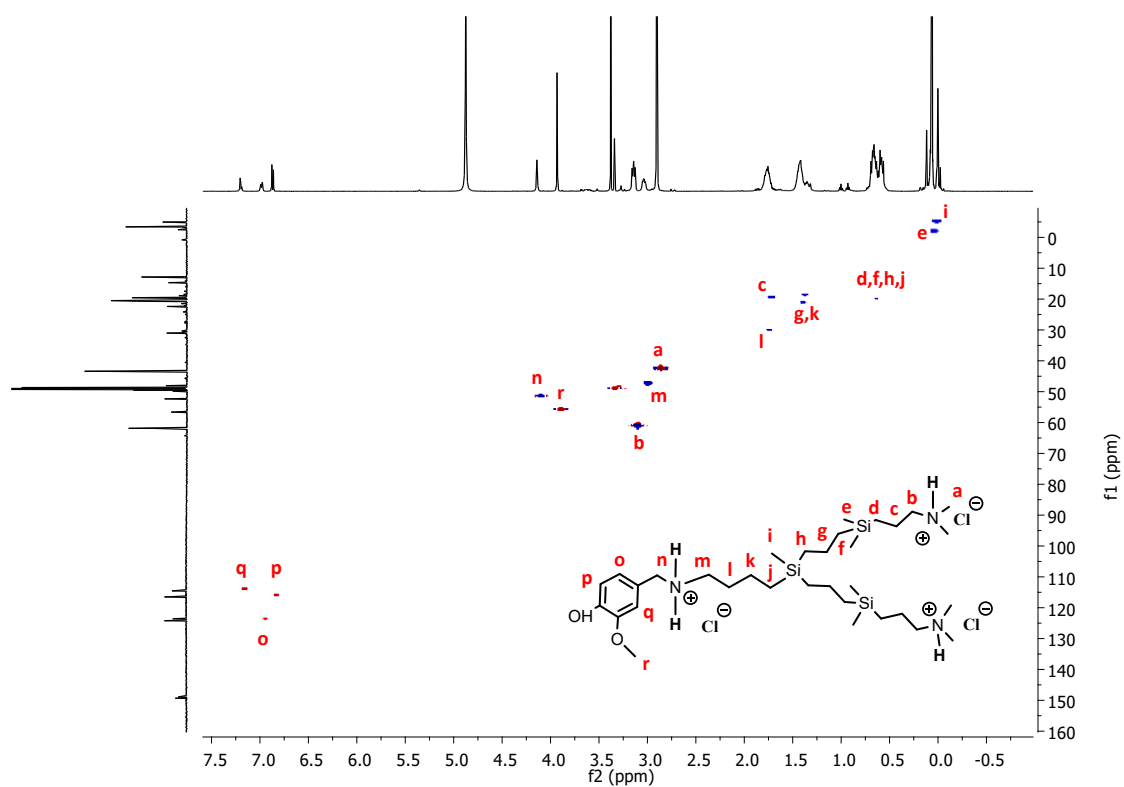


Figure S10. $\{^1\text{H}-^{13}\text{C}\}$ -HSQC-2D-NMR of dendritic polyphenol (**5**) in CD_3OD .

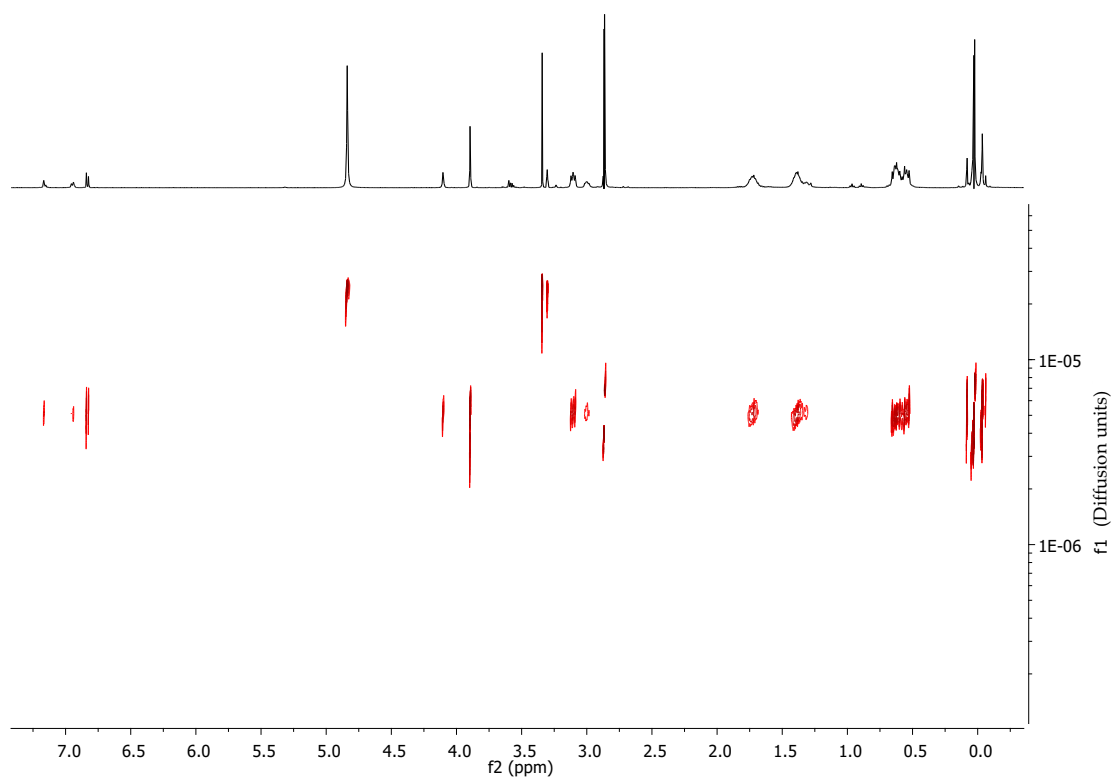


Figure S11. ^1H -DOSY-2D-NMR of dendritic polyphenol (**5**) in CD_3OD .

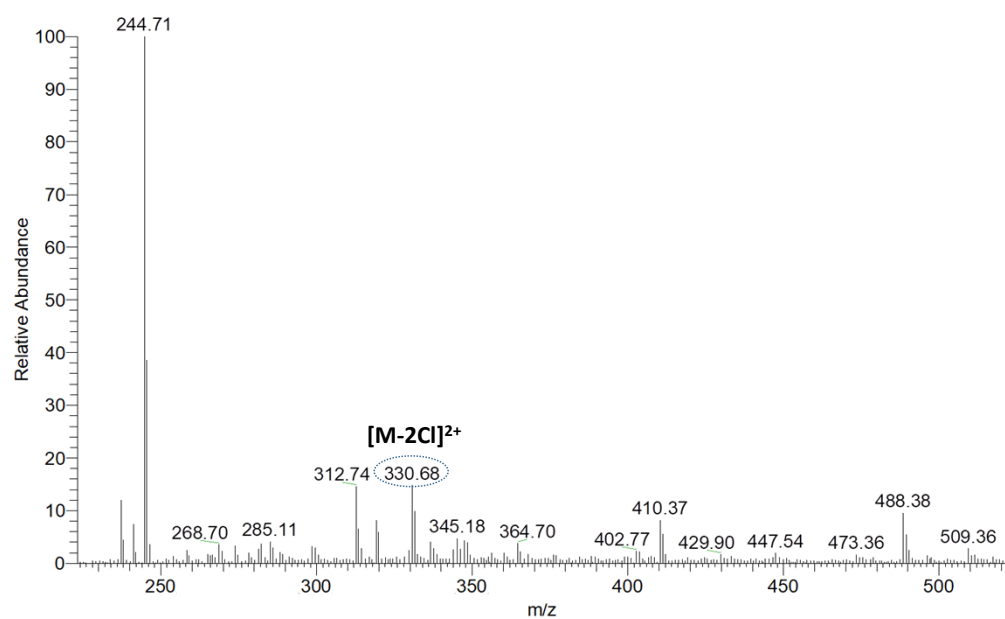


Figure S12. Mass Spectrometry (ESI-TOF) of dendritic polyphenol (**5**)

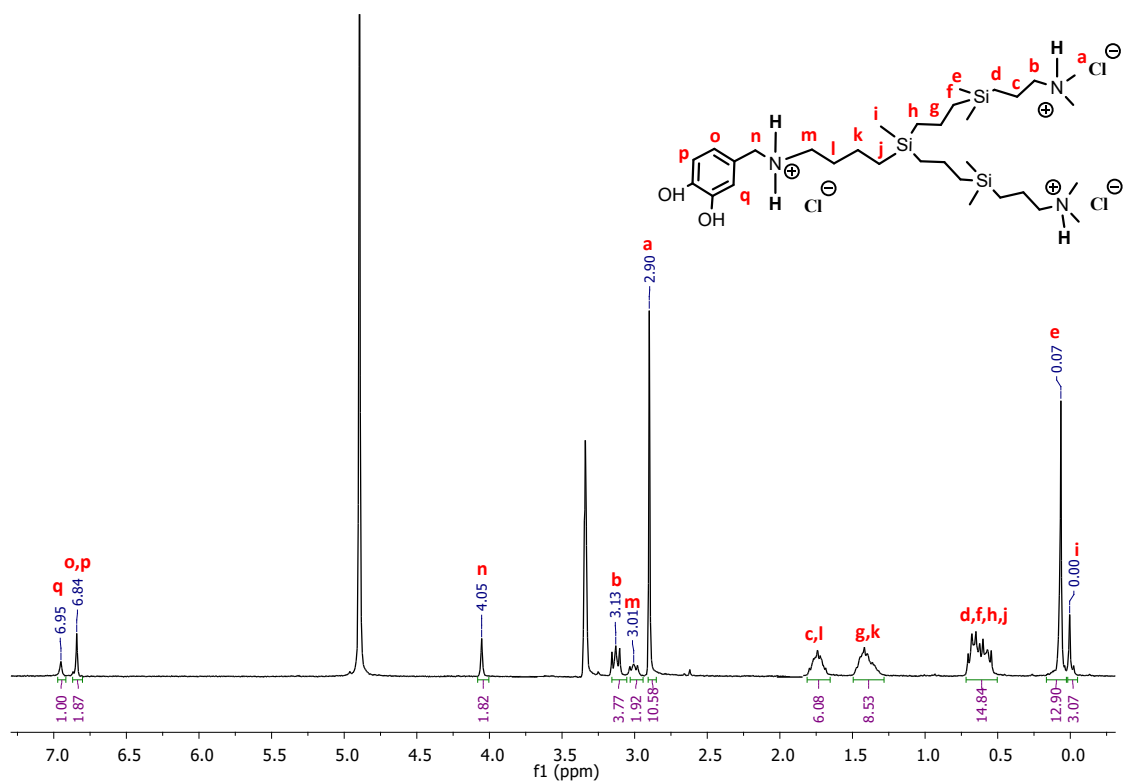


Figure S13. ^1H -NMR of dendritic polyphenol (**6**) in CD_3OD .

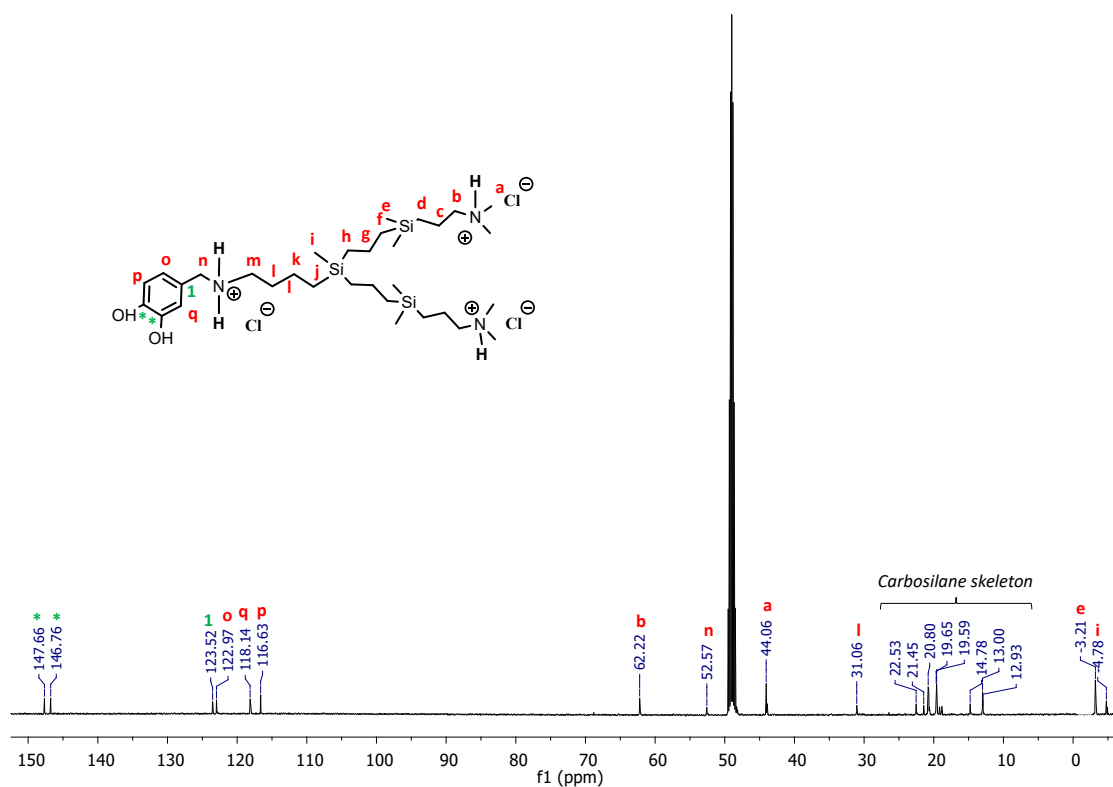


Figure S14. ^{13}C -NMR of dendritic polyphenol (6) in CD₃OD.

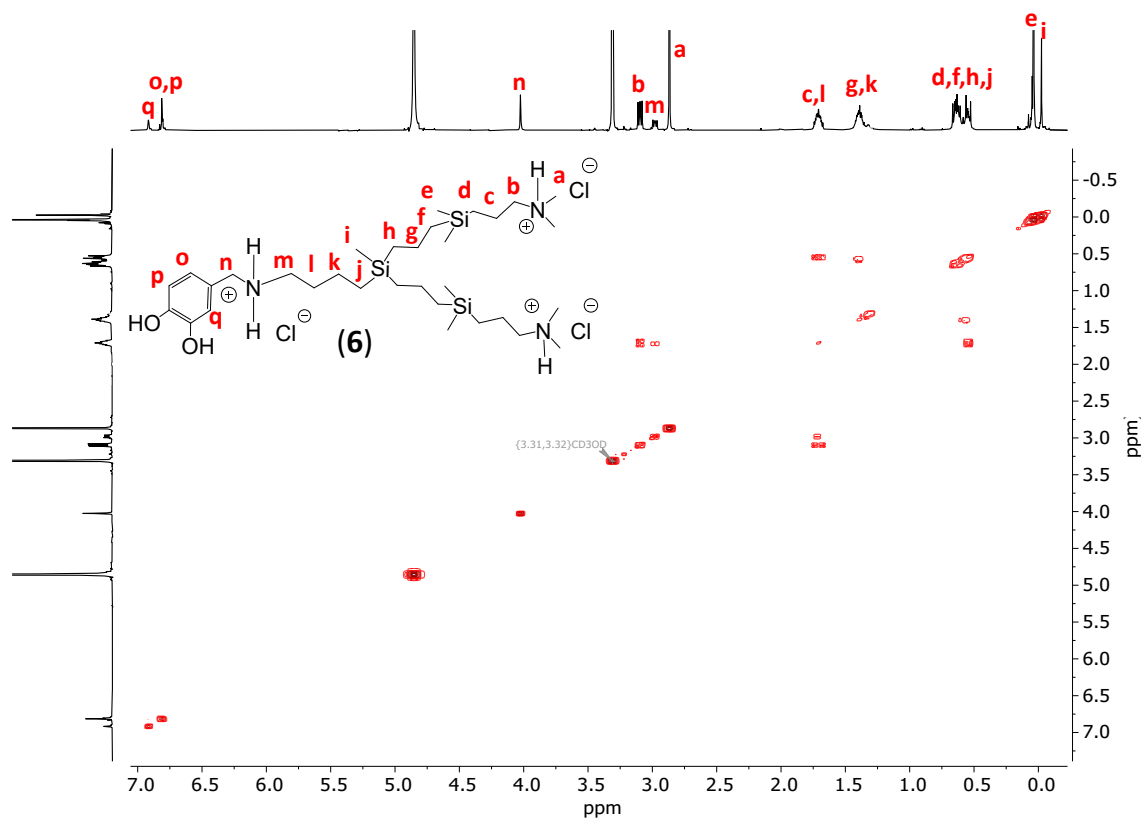


Figure S15. $\{^1\text{H}-^1\text{H}\}$ -COSY-2D-NMR (CD₃OD) of dendritic polyphenol (6)

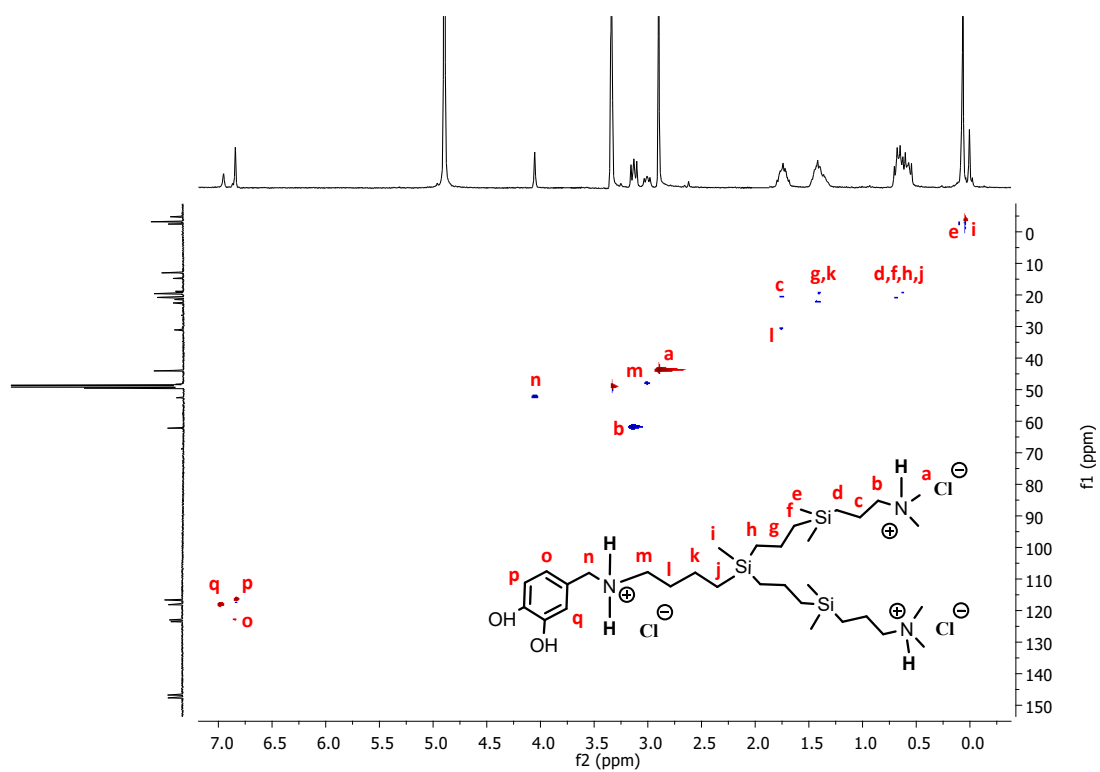


Figure S16. $\{^1\text{H}-^{13}\text{C}\}$ -HSQC-2D-NMR of dendritic polyphenol (**6**) in CD_3OD .

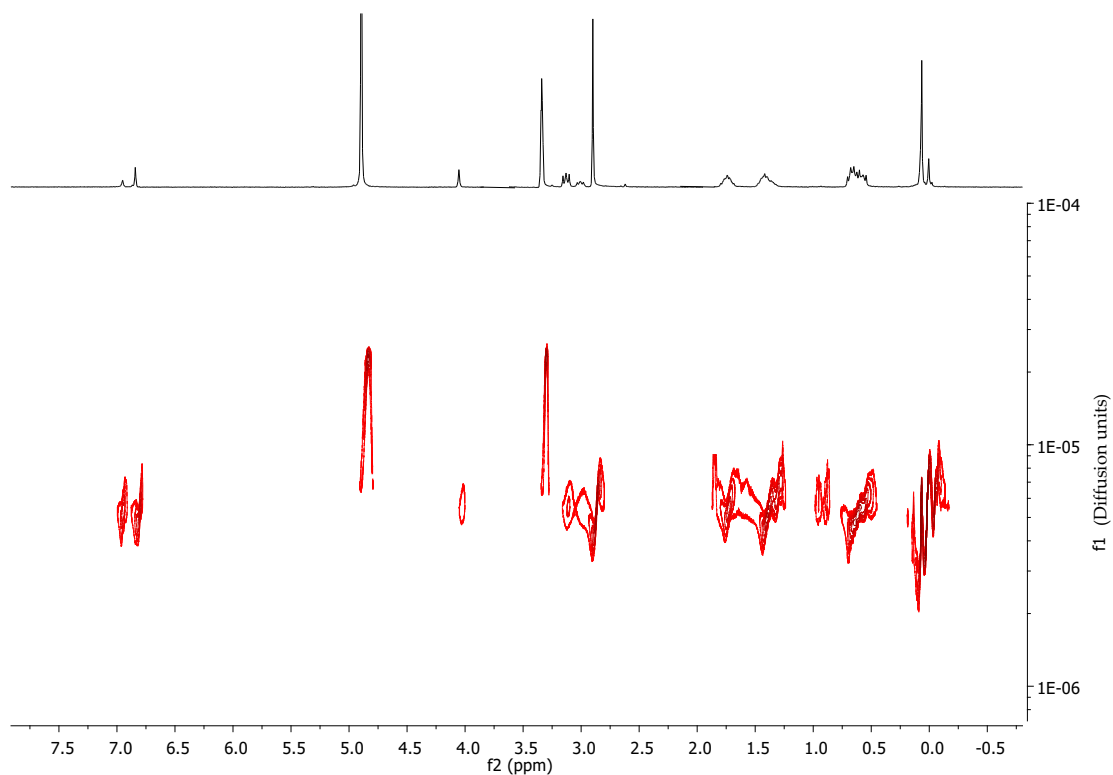


Figure S17. ^1H -DOSY-2D-NMR of dendritic polyphenol (**6**) in CD_3OD .

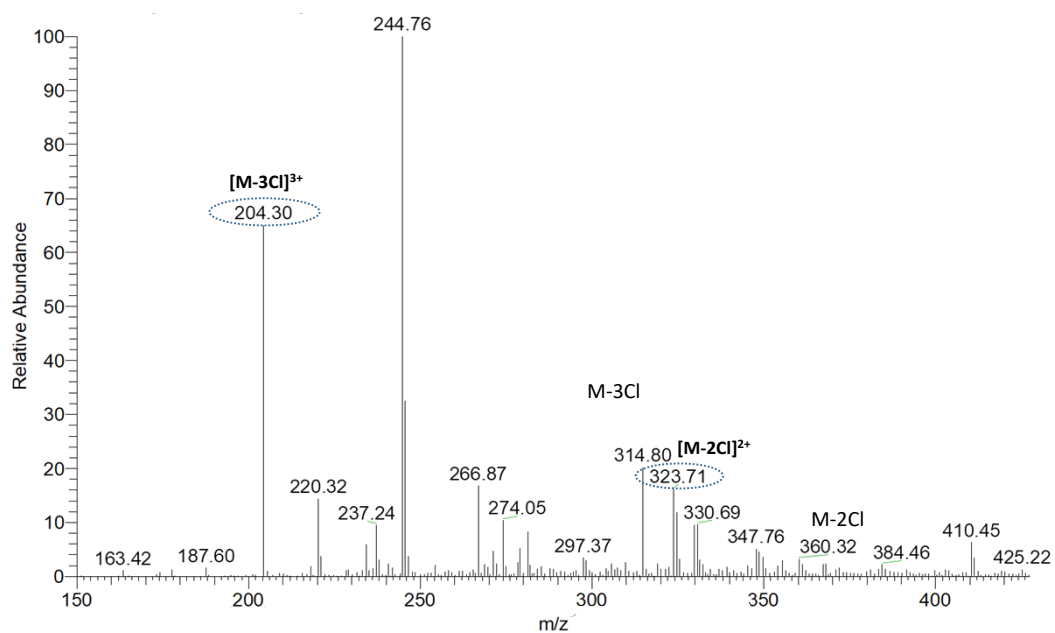


Figure S18. Mass Spectrometry (ESI-TOF) of dendritic polyphenol (6)

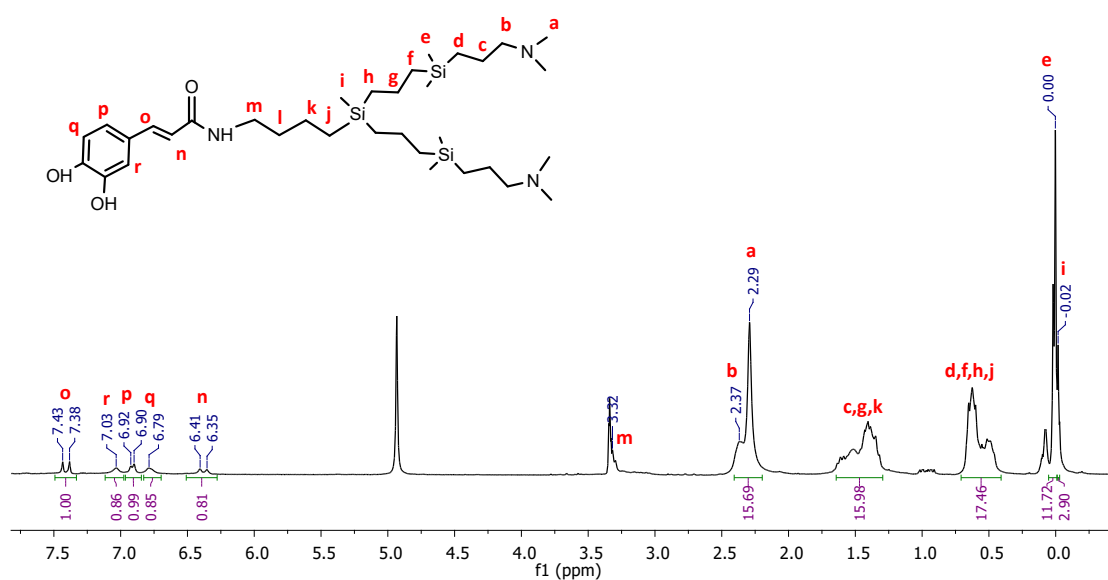


Figure S19. ^1H -NMR of dendritic polyphenol (7) in CD_3OD .

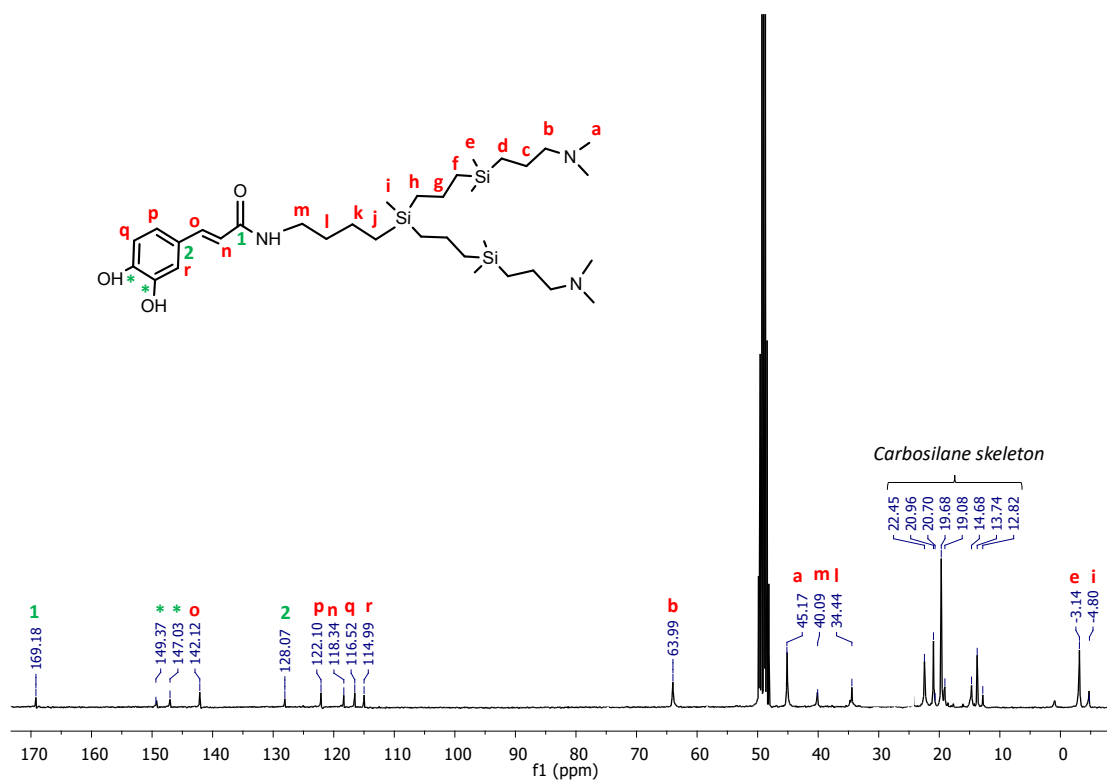


Figure S20. ^{13}C -NMR of dendritic polyphenol (7) in CD_3OD .

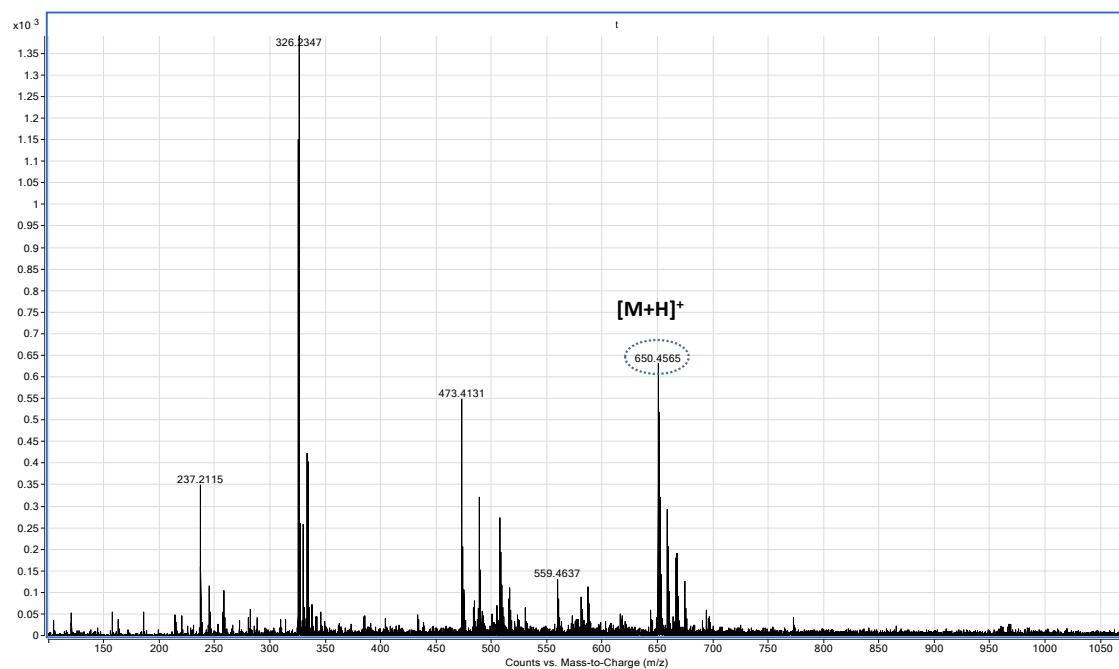


Figure S21. Mass Spectrometry (ESI-TOF) of dendritic polyphenol (7)

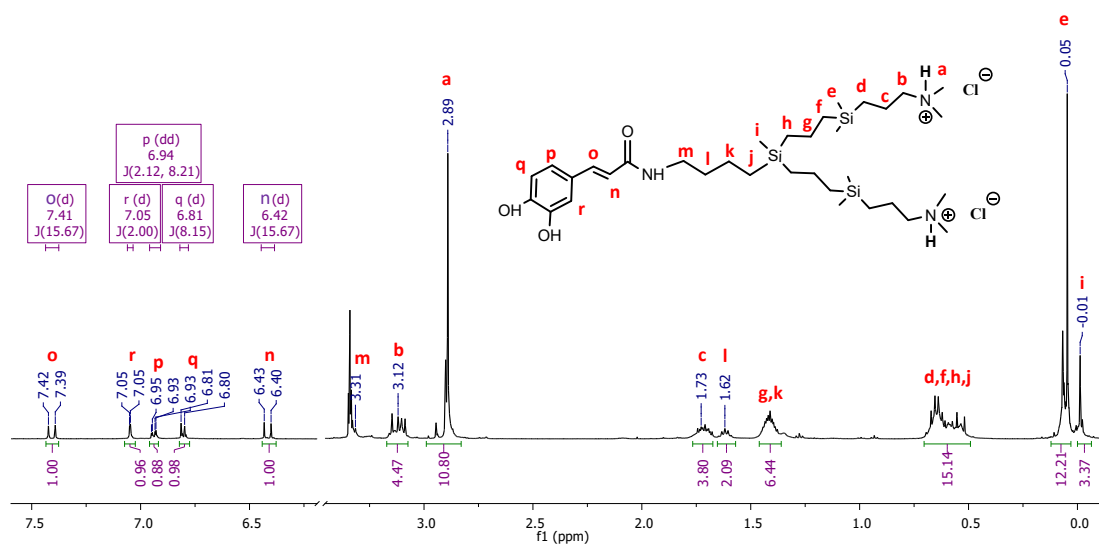


Figure S22. ^1H -NMR of dendritic polyphenol (**8**) in CD_3OD

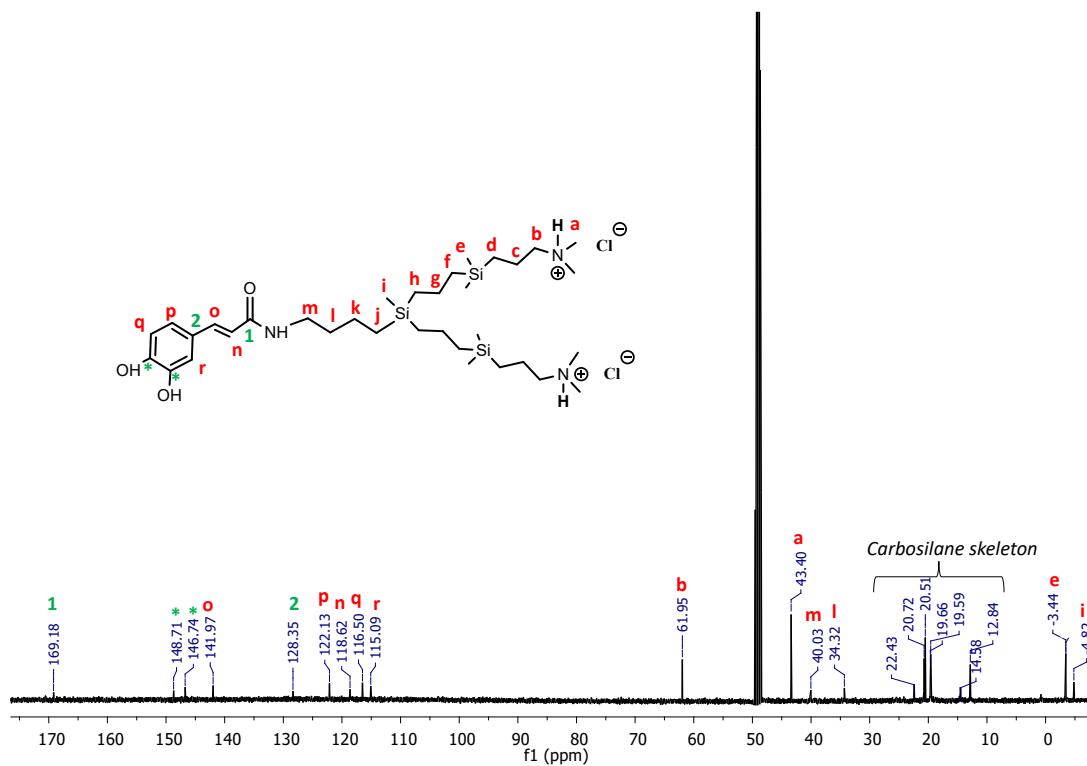


Figure S23. ^{13}C -NMR of dendritic polyphenol (**8**) in CD_3OD

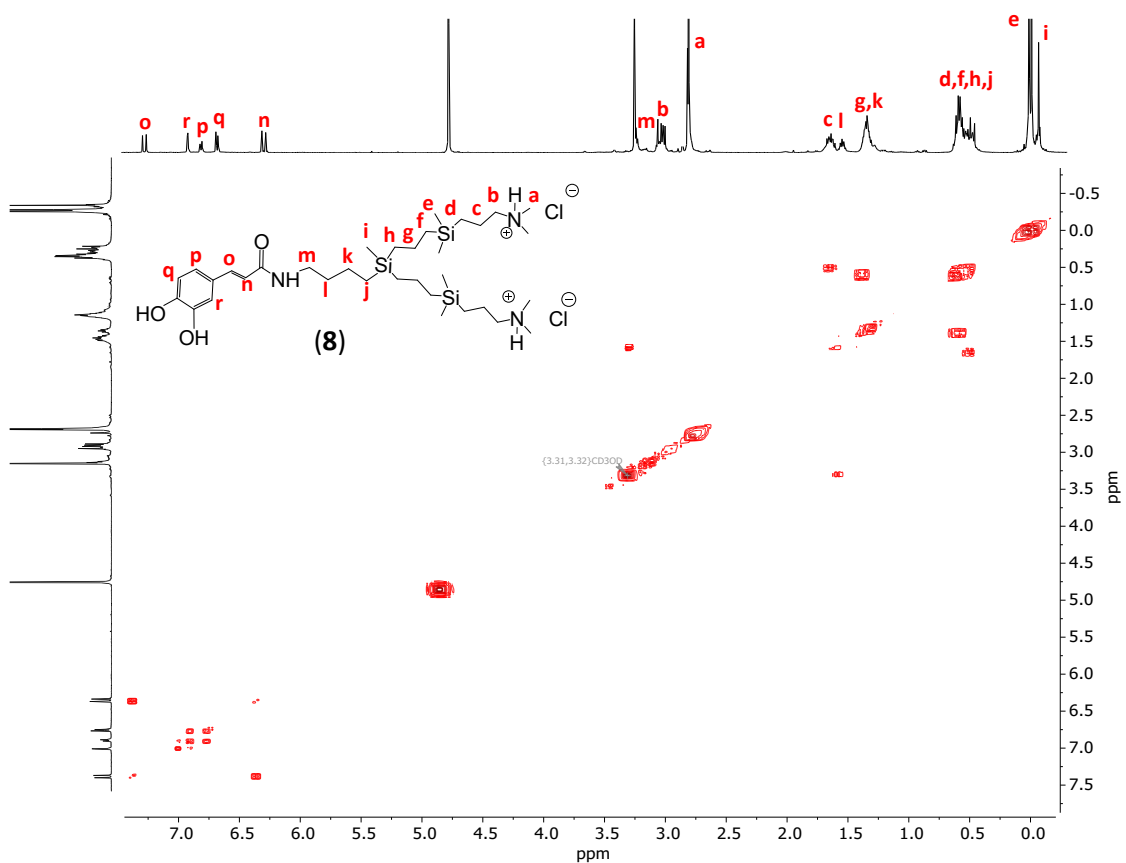


Figure S24. $\{^1\text{H}-^{13}\text{C}\}$ -COSY-2D-NMR (500 MHz, CD_3OD) of dendritic polyphenol (**8**)

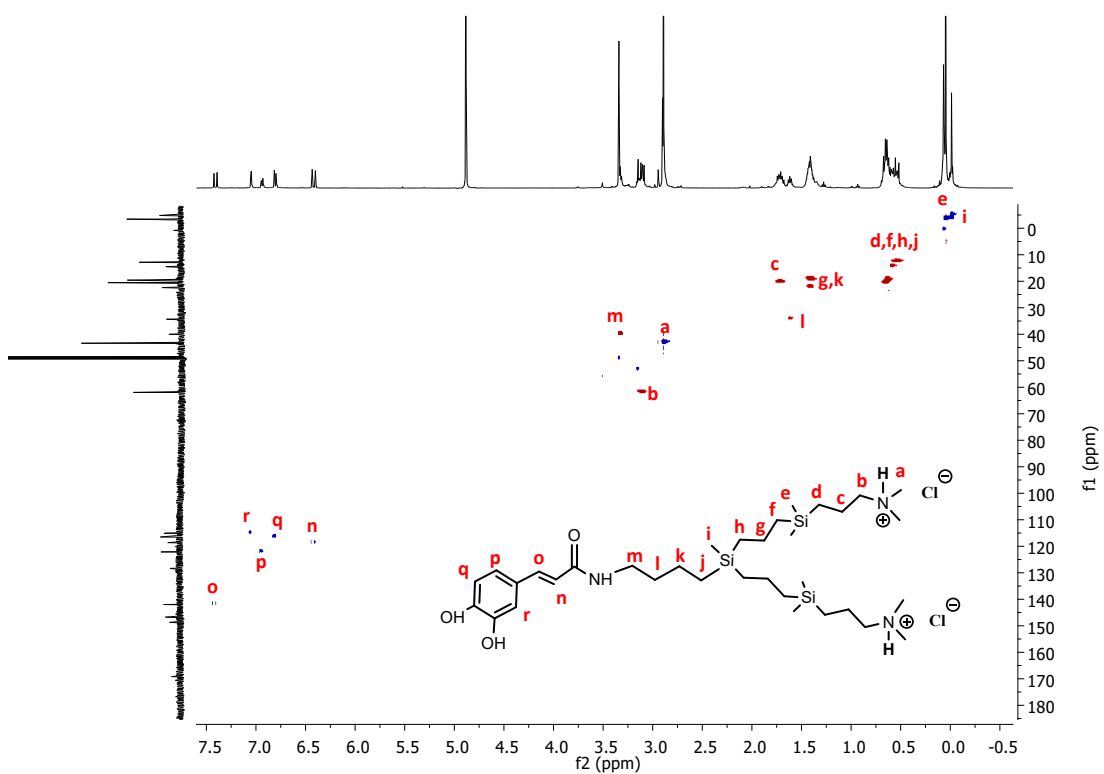


Figure S25. $\{^1\text{H}-^{13}\text{C}\}$ -HSQC-2D-NMR of dendritic polyphenol (**8**) in CD_3OD

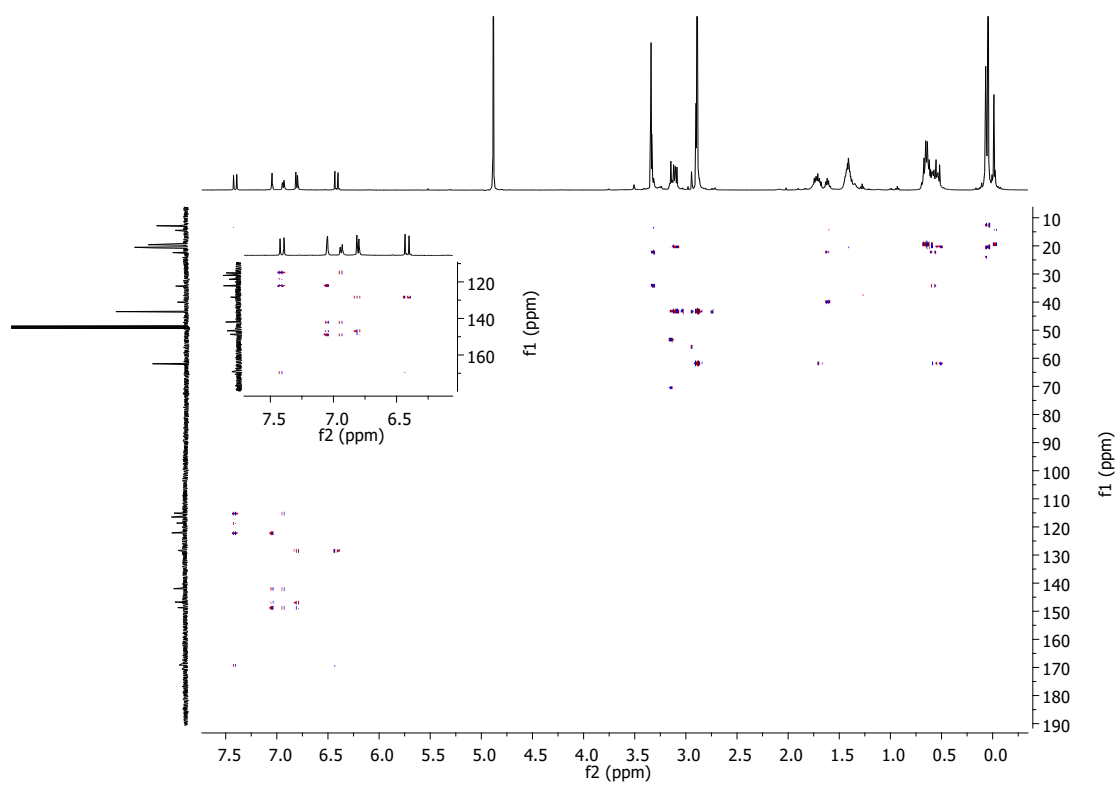


Figure S26. $\{^1\text{H}-^{13}\text{C}\}$ -HMBC-2D-NMR of dendritic polyphenol (**8**) in CD_3OD .

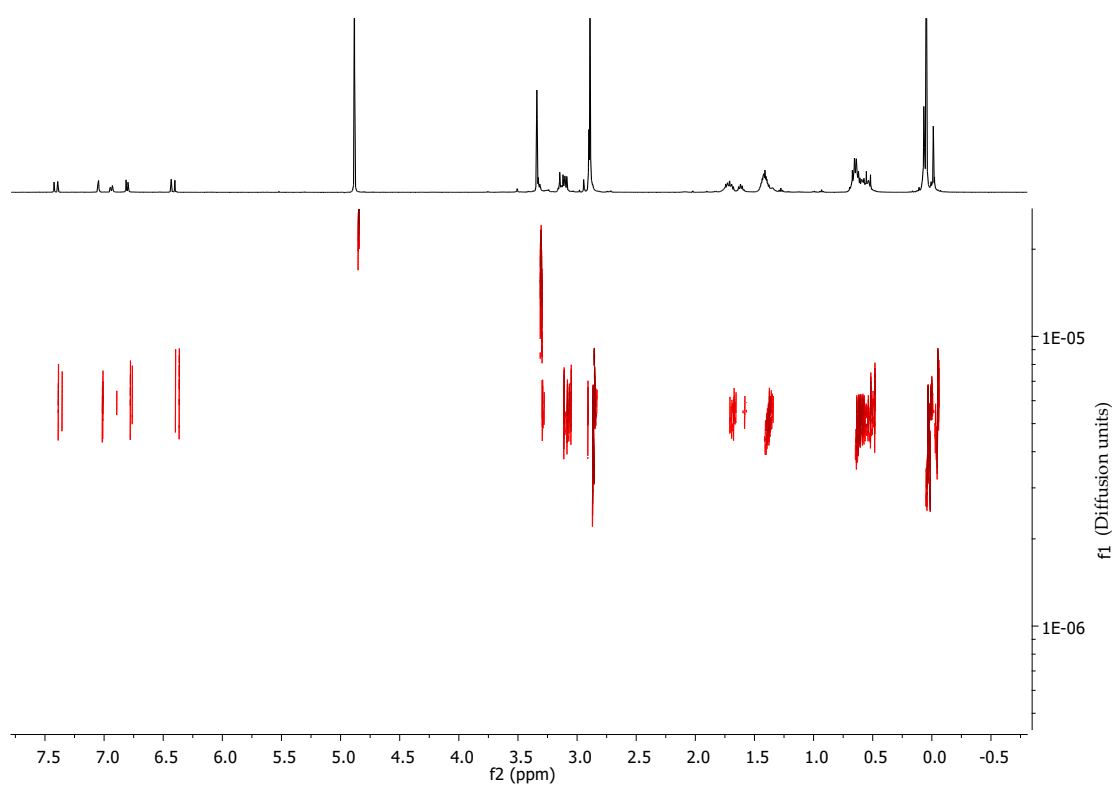


Figure S27. ^1H -DOSY-2D-NMR of dendritic polyphenol (**8**) in CD_3OD .

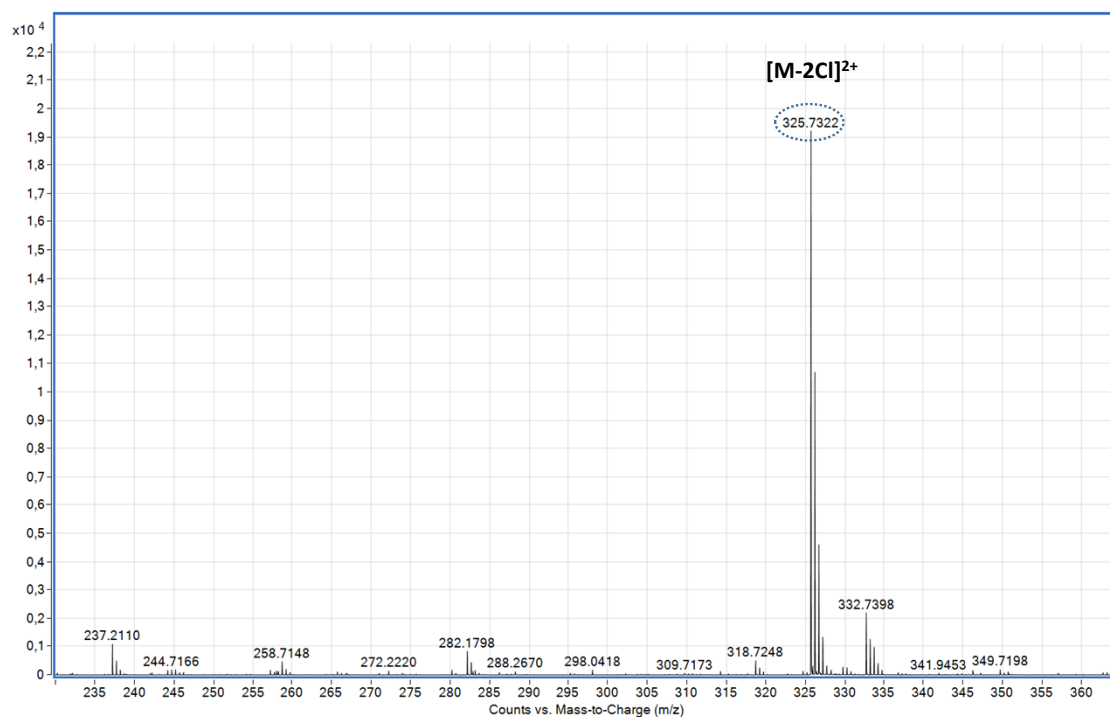


Figure S28. Mass Spectrometry (ESI-TOF) of dendritic polyphenol (**8**)

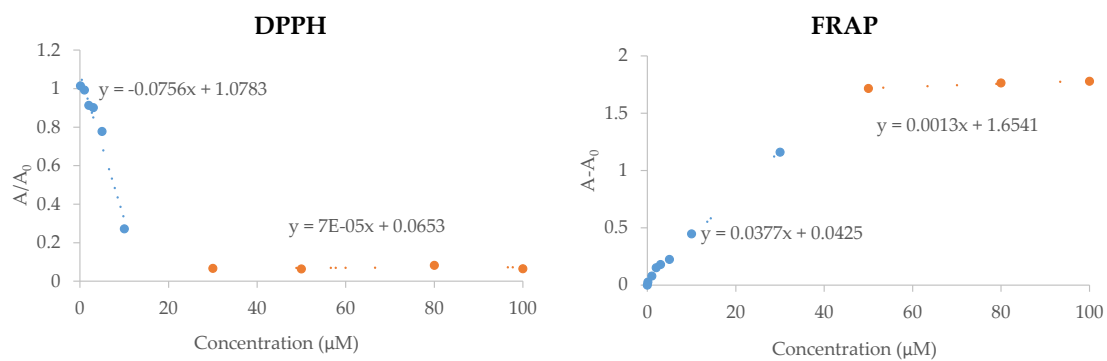


Figure S29. Graphics to obtain the Trolox equivalent antioxidant capacity. Equation lines for dendritic polyphenol **5** (FRAP and DPPH).