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SUPPLEMENTARY INFORMATION

POLYPHENOLIC CARBOSILANE DENDRIMERS AS ANTICANCER

AGENTS AGAINST PROSTATE CANCER

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 $[\text{Si}(\text{CH}_2)\text{N}^+\text{H}_2\text{CH}_2\text{Ph}(\text{OMe})(\text{OH})\text{Cl}^-]_8$ (**9**) in $\text{DMSO-}d_6$

Figure S1 . ^1H and ^{13}C -NMR spectrum of dendrimer $[\text{G}_0(\text{N}=\text{CH}(\text{C}_6\text{H}_4(\text{OMe})(\text{OH}))_4)]_2$ (2)

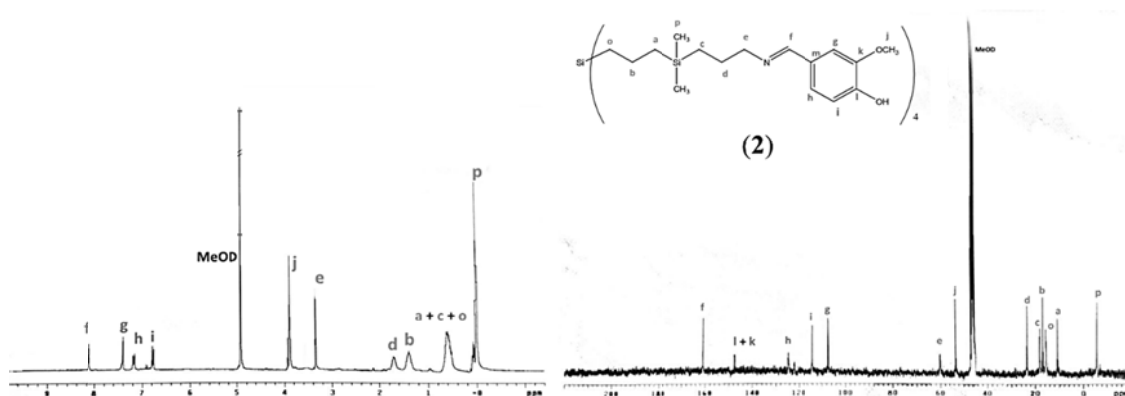
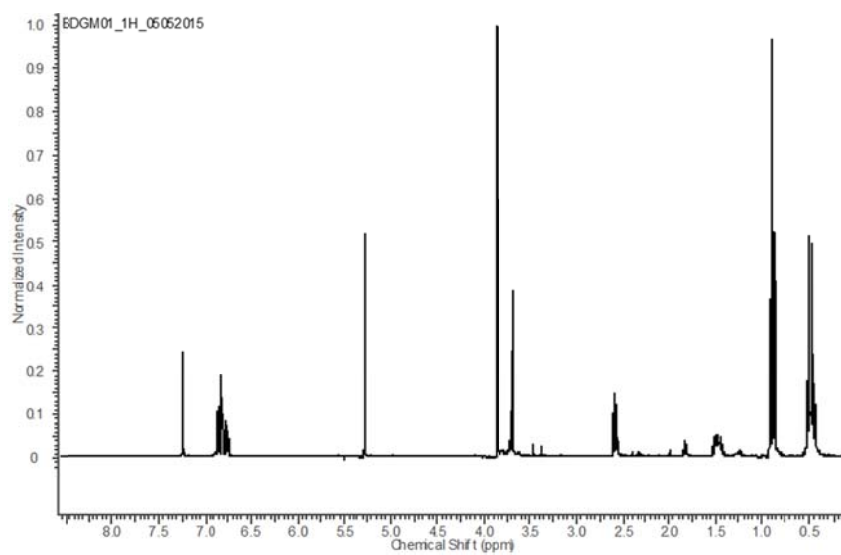


Figure S2. ^1H - (A) and ^{13}C -NMR (B) spectra of $\text{Et}_3\text{Si}(\text{CH}_2)_3\text{NHCH}_2\text{Ph}(\text{OMe})(\text{OH})$ (4)

A)



B)

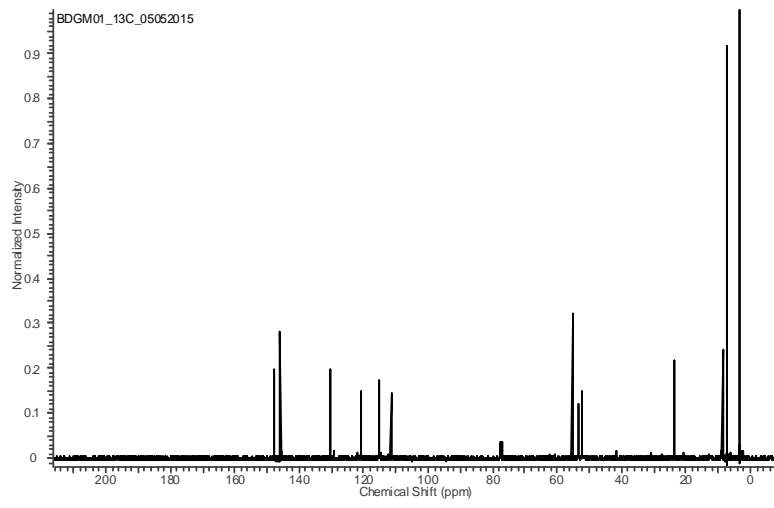


Figure S3 ESI-TOF of $\text{Et}_3\text{Si}(\text{CH}_2)_3\text{NHCH}_2\text{Ph}(\text{OMe})(\text{OH})$ (**4**)

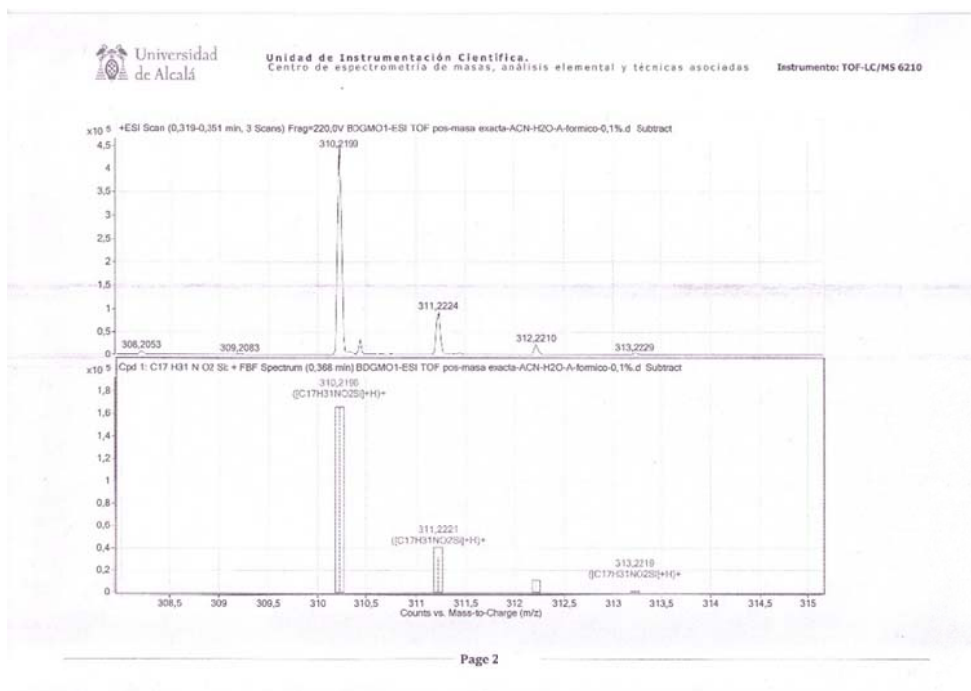


Figure S4. $[\text{M}+\text{H}]^+$ peak in the mass spectrum of $\text{G0-}[\text{Si}(\text{CH}_2)_3\text{NHCH}_2\text{Ph}(\text{OMe})(\text{OH})]_4$ (**5**).

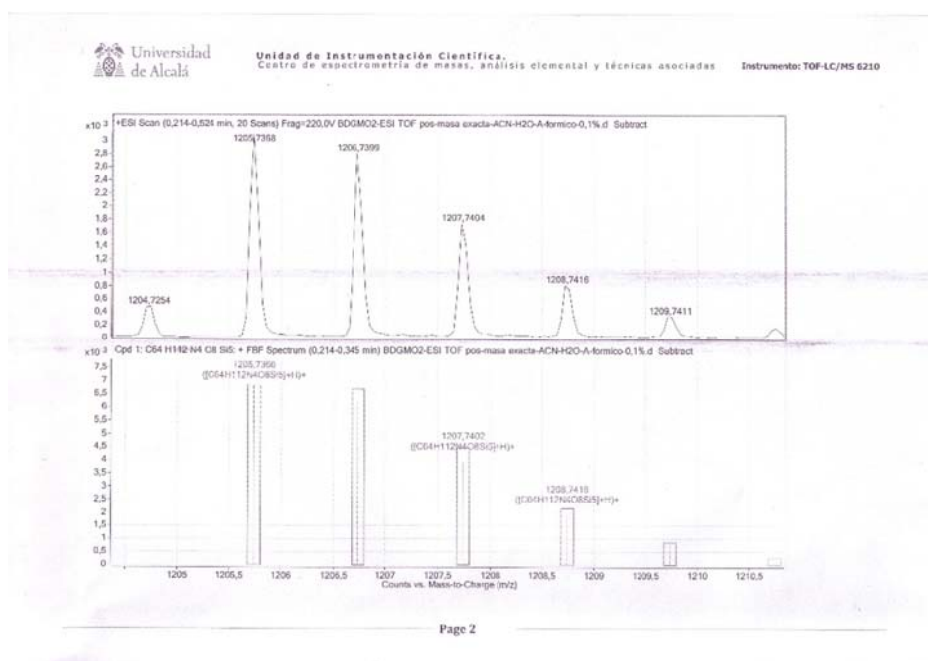
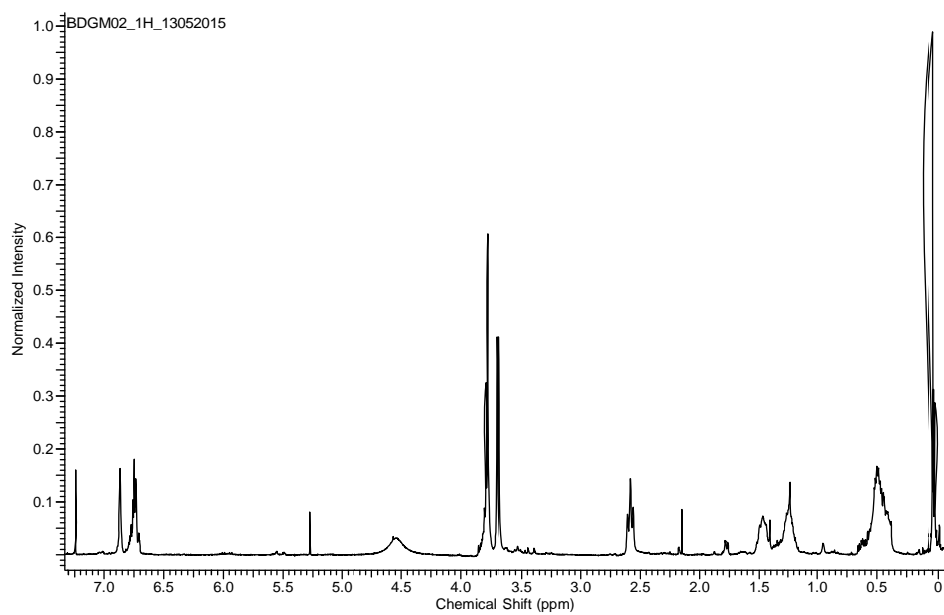


Figure S5. ^1H - (A) and ^{13}C -NMR (B) spectra of $\text{G0-}[\text{Si}(\text{CH}_2)_3\text{NHCH}_2\text{Ph}(\text{OMe})(\text{OH})]_4$ (**5**) in CDCl_3

A)



B)

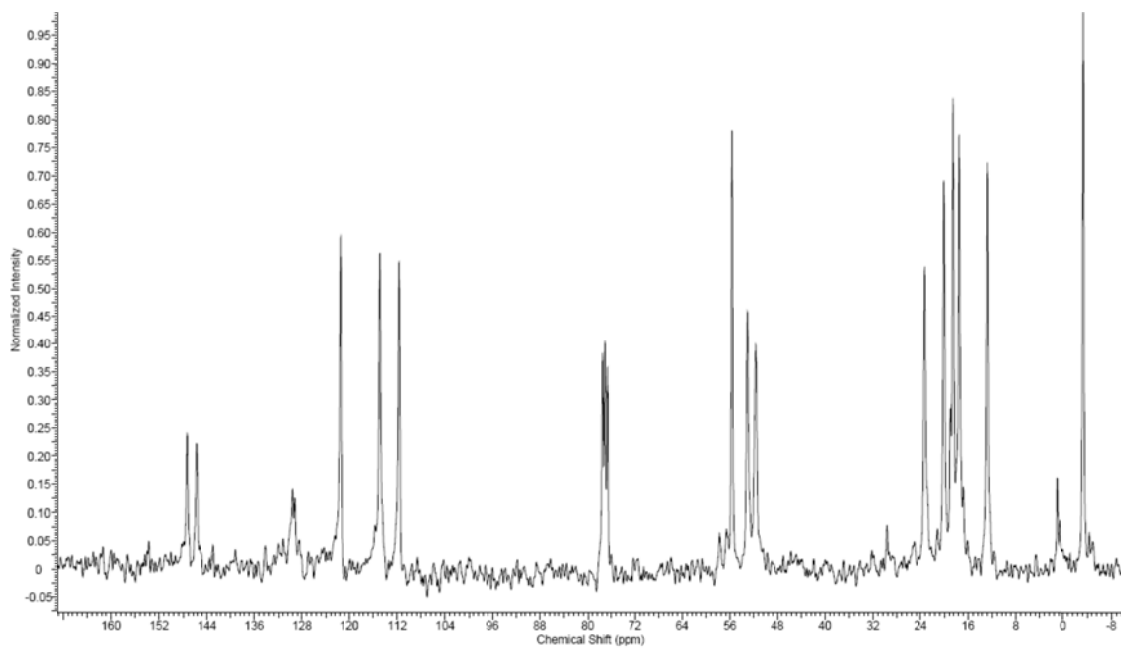
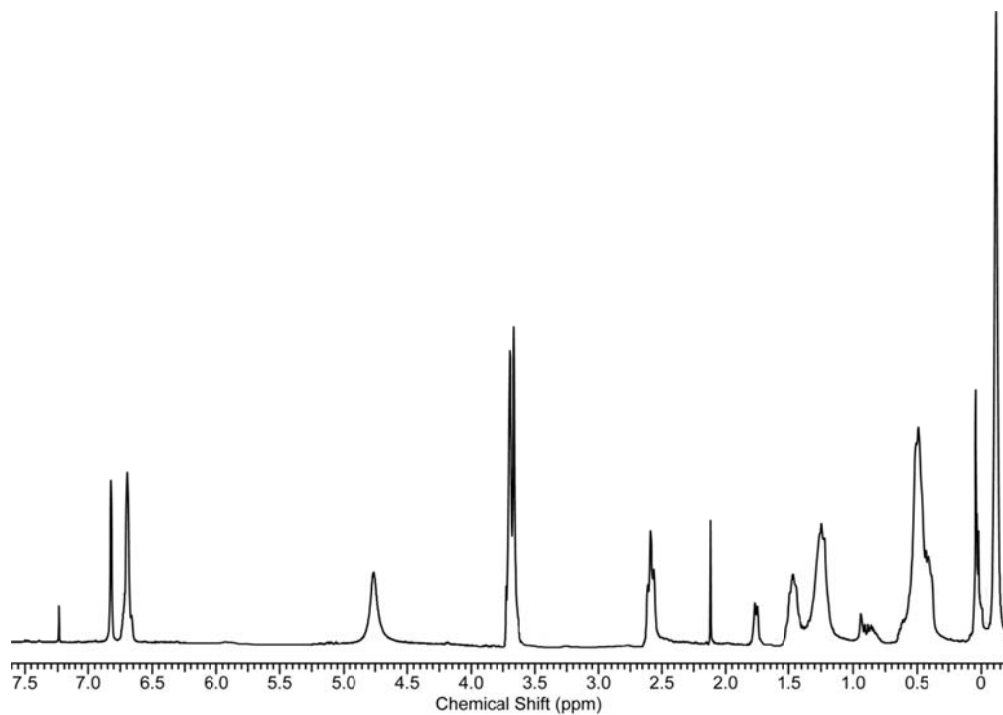


Figure S6. A) $^1\text{H-NMR}$ in CDCl_3 and B) ESI-TOF of $\text{G1-}[\text{Si}(\text{CH}_2)_3\text{NHCH}_2\text{Ph}(\text{OMe})(\text{OH})]_8$ (**6**)₃

A)



B)

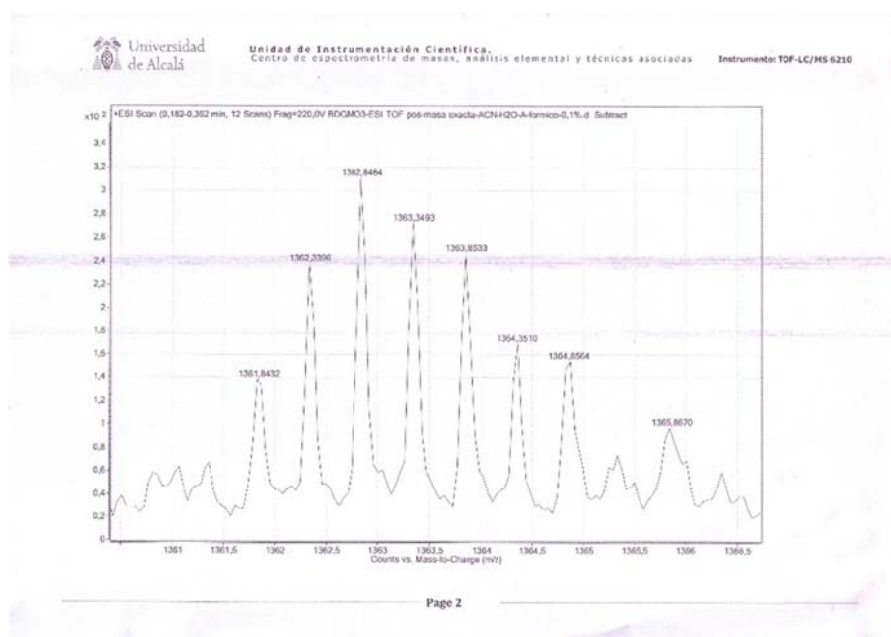
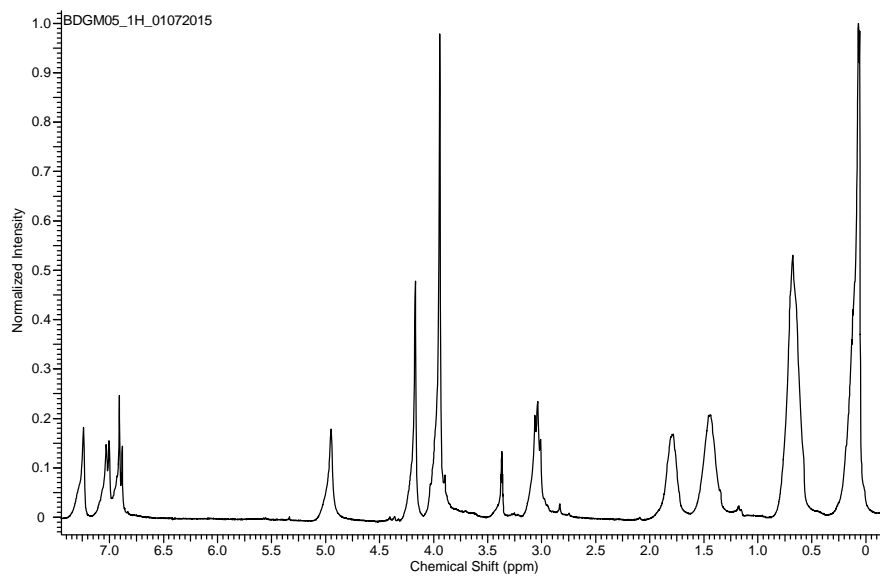


Figure S7. ^1H - (A) and ^{13}C -NMR (B) spectra of $\text{G0-}[\text{Si}(\text{CH}_2)\text{N}^+\text{H}_2\text{CH}_2\text{Ph}(\text{OMe})(\text{OH})\text{Cl}]_4$ (**8**) in $\text{DMSO-}d_6$

A)



B)

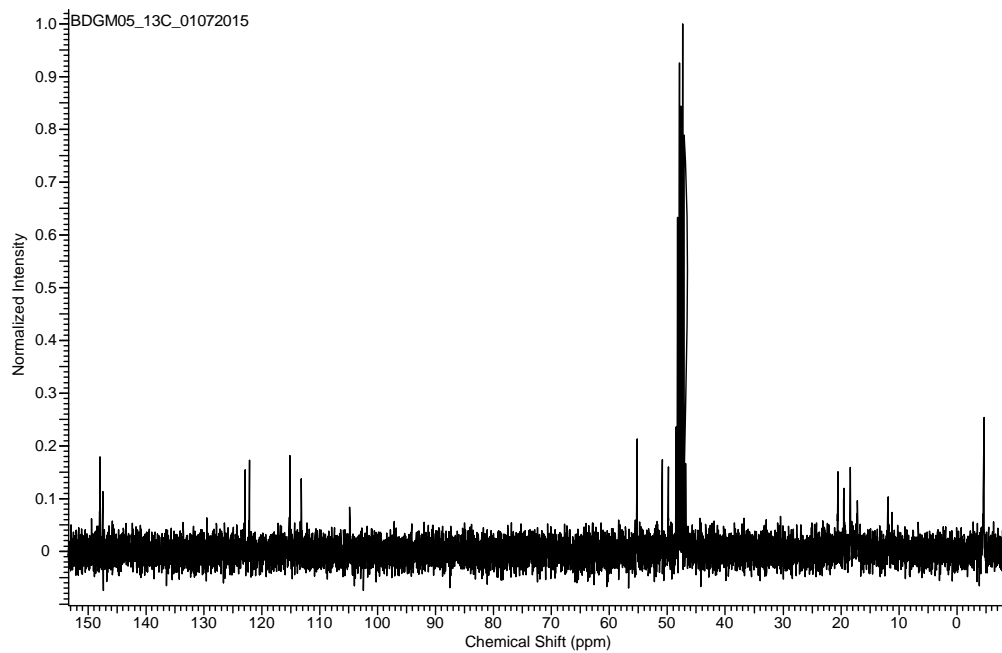
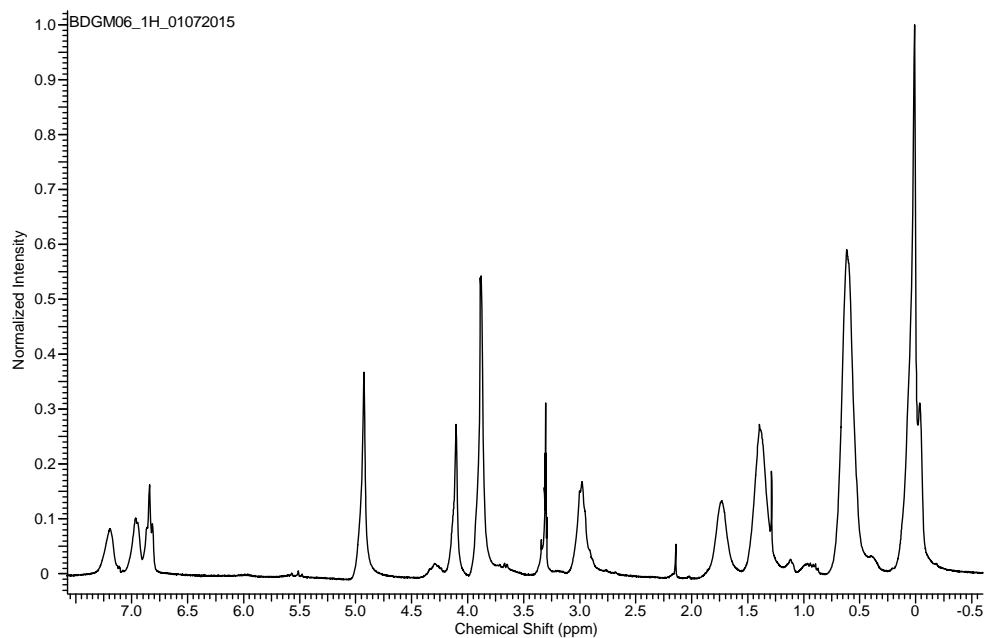


Figure S8. ^1H - (A) and ^{13}C -NMR (B) spectra of $\text{G1-}[\text{Si}(\text{CH}_2)\text{N}^+\text{H}_2\text{CH}_2\text{Ph}(\text{OMe})(\text{OH})\text{Cl}]_8$ (**9**) in $\text{DMSO-}d_6$

A)



B)

