

SUPPLEMENTARY MATERIALS

Article

New Ionic Carbosilane Dendrons Possessing Fluorinated Tails at Different Locations on the Skeleton

Gabriel Mencia ^{1,2,3,†}, Tania Lozano-Cruz ^{1,2,3,†}, Mercedes Valiente ⁴, Javier de la Mata ^{1,2,3}, Jesús Cano ^{1,3} and Rafael Gómez ^{1,2,3,*}

¹ Departamento de Química Orgánica y Química Inorgánica, IQAR, Universidad de Alcalá, Campus Universitario, Alcalá de Henares, Madrid 28805, Spain; gabi.men.ber@gmail.com (G.M.); tania.lozano@uah.es (T.L.-C.); javier.delamata@uah.es (J.d.l.M.); jesus.cano@uah.es (J.C.)

² Networking Research Center on Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Madrid 28029 Spain.

³ Ramón y Cajal Health Research Institute (IRYCIS), IRYCIS, 28034 Spain.

⁴ Departamento de Química Analítica, Química Física e Ingeniería Química, IQAR, Universidad de Alcalá Campus Universitario, Alcalá de Henares, Madrid 28805, Spain; mercedes.valiente@uah.es

* Correspondence: rafael.gomez@uah.es; Tel: (+34)-91-885-4685

† These authors contributed equally to this work

Table of content

Figure S1. ¹ H-NMR spectrum of incomplete esterification reaction between perfluorhexanoic acid and dendrons with a bromide atom at the focal point.....	2
Figure S2. ¹⁹ F-NMR spectrum of saponification reaction	2
Figure S3. ¹ H NMR spectrum of dendron 7.....	3
Figure S4. ¹³ C{ ¹ H} NMR spectrum of dendron 7.....	3
Figure S5. ¹⁹ F NMR spectrum of dendron 7	4
Figure S6. ¹³ C{ ¹⁹ F} NMR spectrum of dendron 7.....	4
Figure S7. ESI-TOF of compound 9	5

Figure S1. ^1H -NMR spectrum of incomplete esterification reaction between perfluorhexanoic acid and dendrons with a bromide atom at the focal point.

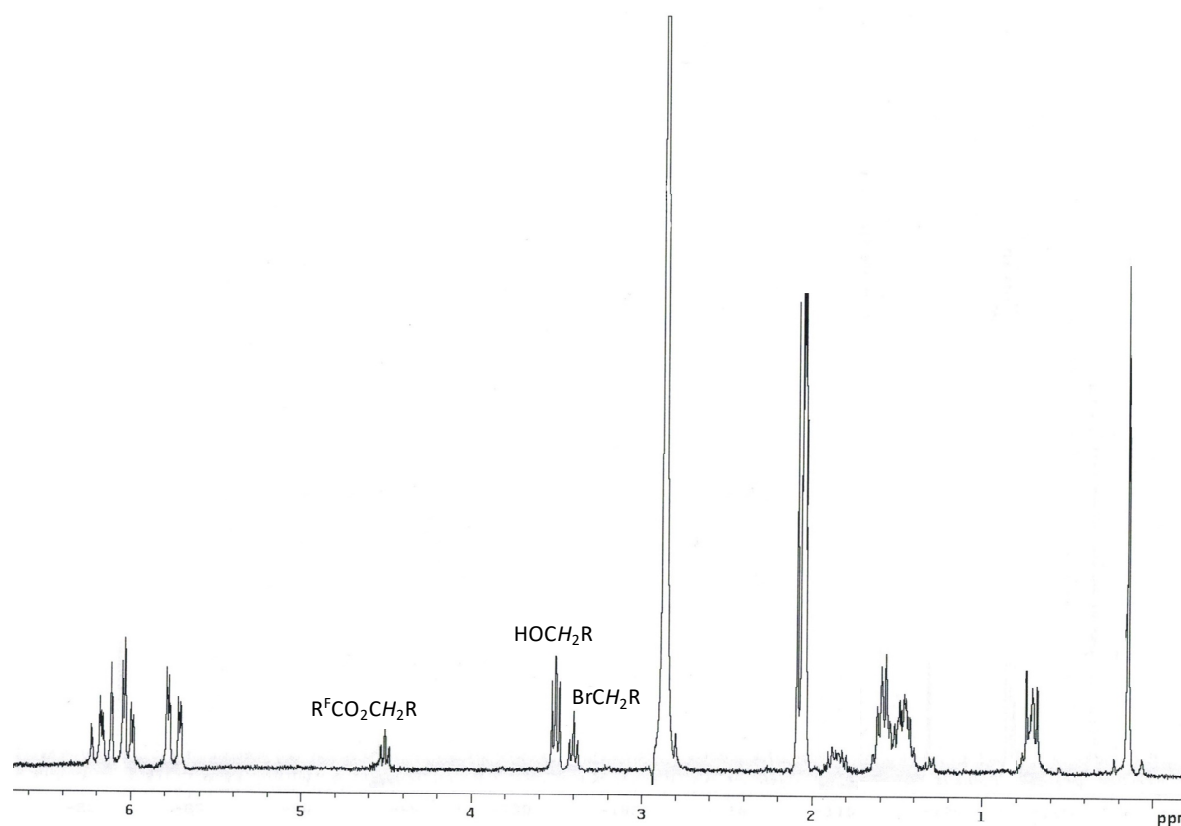


Figure S2. ^{19}F -NMR spectrum of saponification reaction

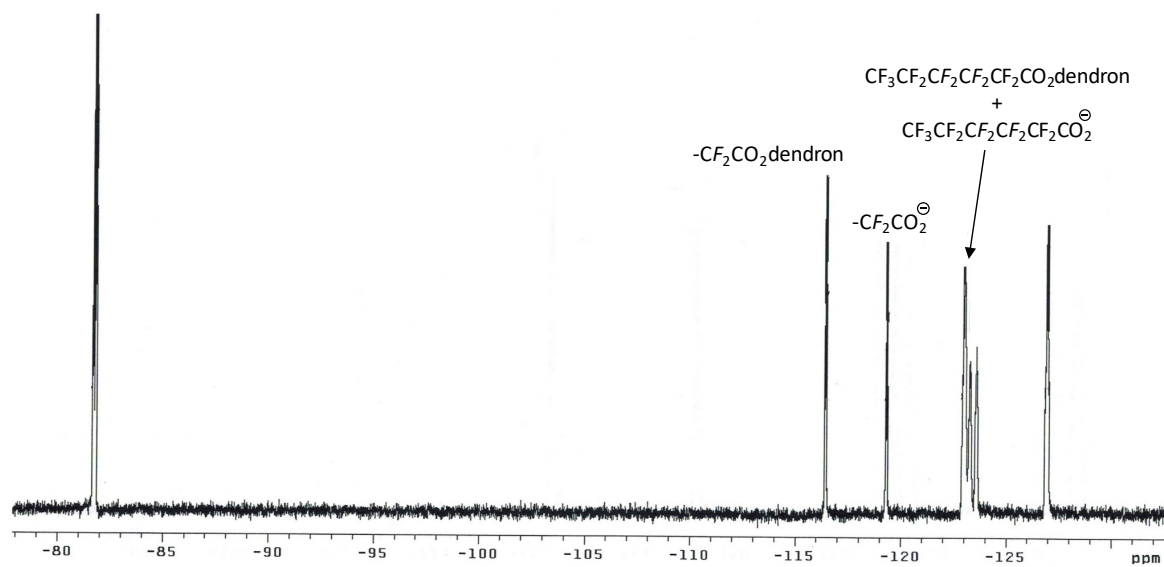


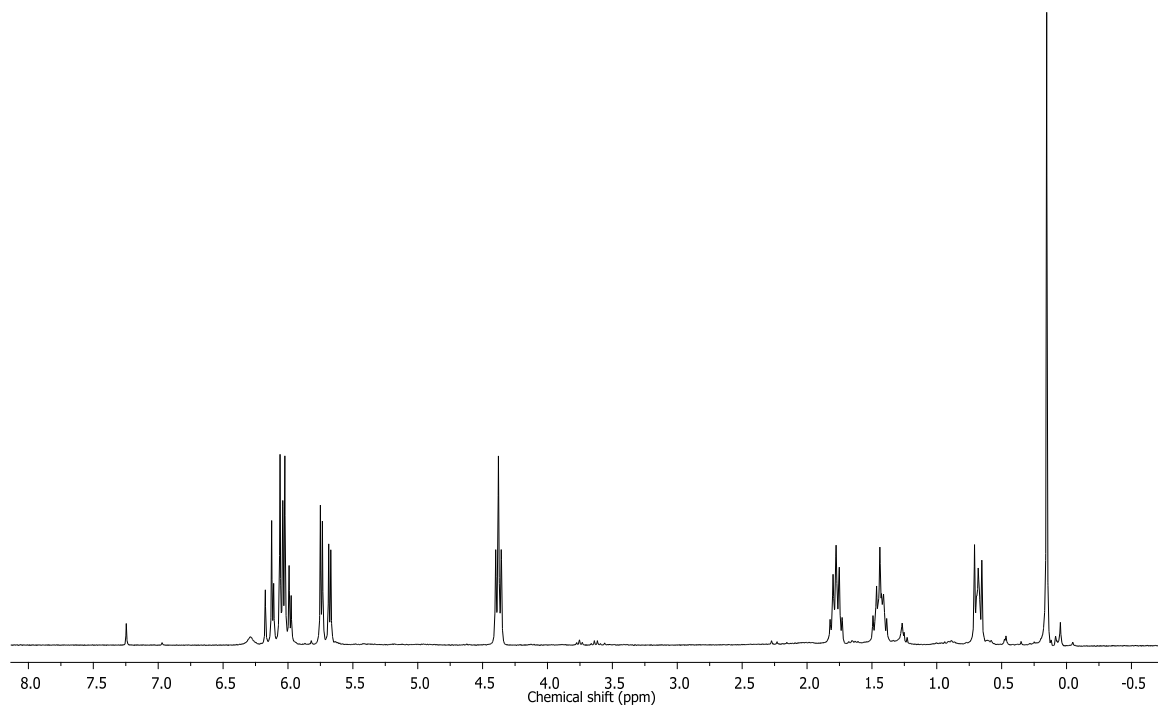
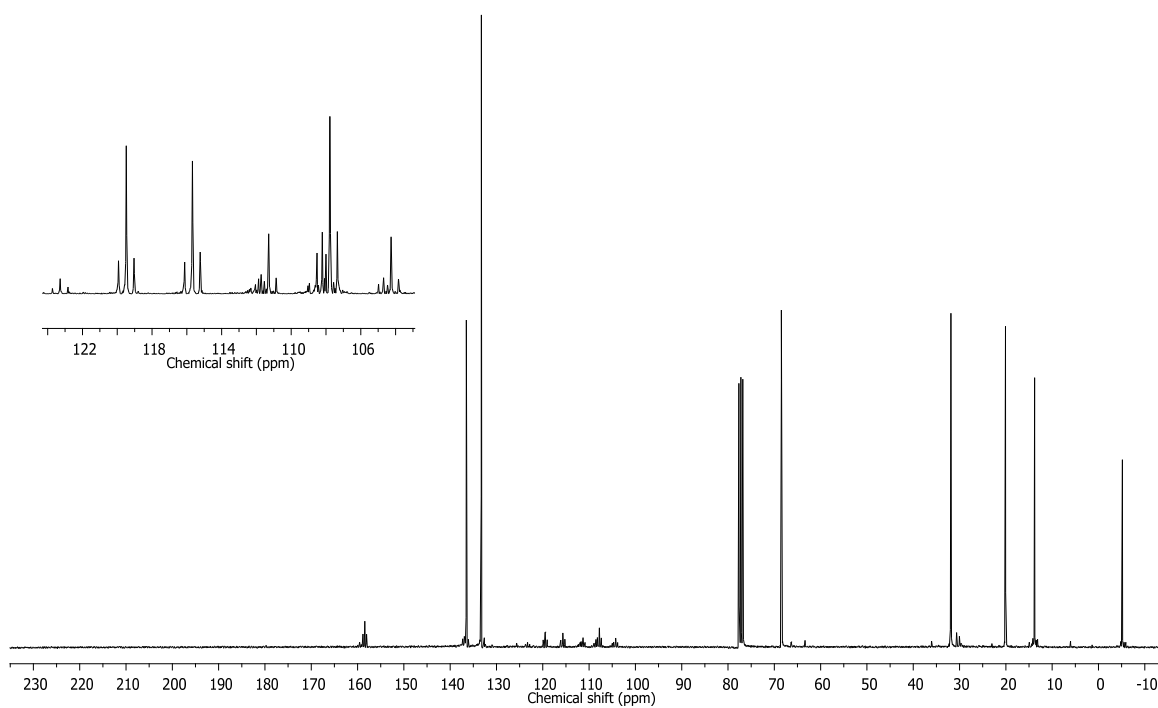
Figure S3. ^1H NMR spectrum of dendron 7**Figure S4.** $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of dendron 7

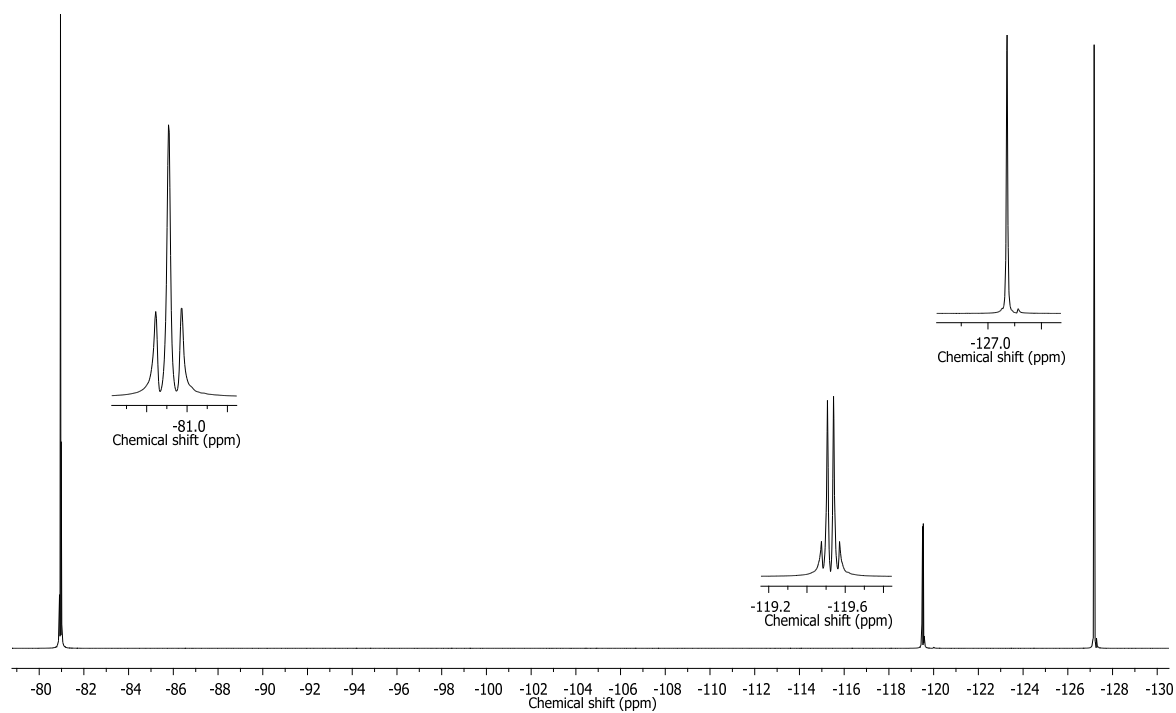
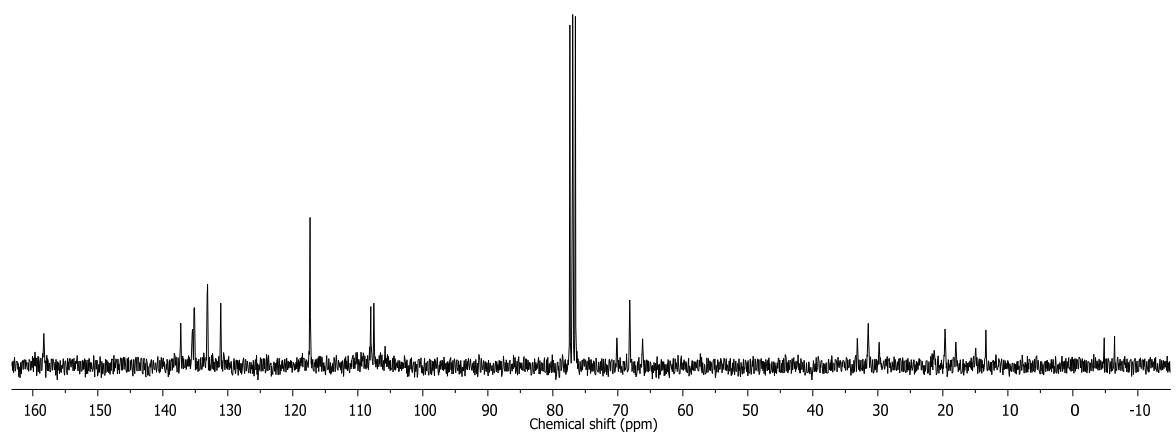
Figure S5. ^{19}F NMR spectrum of dendron 7**Figure S6.** $^{13}\text{C}\{^{19}\text{F}\}$ NMR spectrum of dendron 7

Figure S7. ESI-TOF of compound 9