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SUPPORTING INFORMATION

NEW BOW-TIE CATIONIC CARBOSILANE DENDRITIC SYSTEM WITH CURCUMIN CORE AS AN ANTI-BREAST CANCER AGENT

Tania Lozano-Cruz,[a,b] Rafael Gómez,[a,b,c] F. Javier de la Mata,[a,b,c] Paula Ortega.[a,b,c] *

[a]*Departamento de Química Orgánica y Química Inorgánica. . Instituto de Investigación Química "Andrés M. del Río" (IQAR), Universidad de Alcalá, Campus Universitario, E-28871 Alcalá de Henares, Spain. E-mail: paula.ortega@uah.es.*

[b]*Networking Research Center on Bioengineering, Biomaterials and Nanomedicine (CIBER-BBN), Spain. E-mail: paula.ortega@uah.es*

[c] *Instituto Ramón y Cajal de Investigación Sanitaria. (IRYCIS). Ctra. Colmenar Viejo, km. 9,100 28034 Madrid.*

Figure S1. Structure of $(IMe_3NS)_4G_2[curcumin]G_2(SNMe_3I)_4$ (**1**) and HSQC {^1H-^{13}C} spectrum in *DMSO-d_6

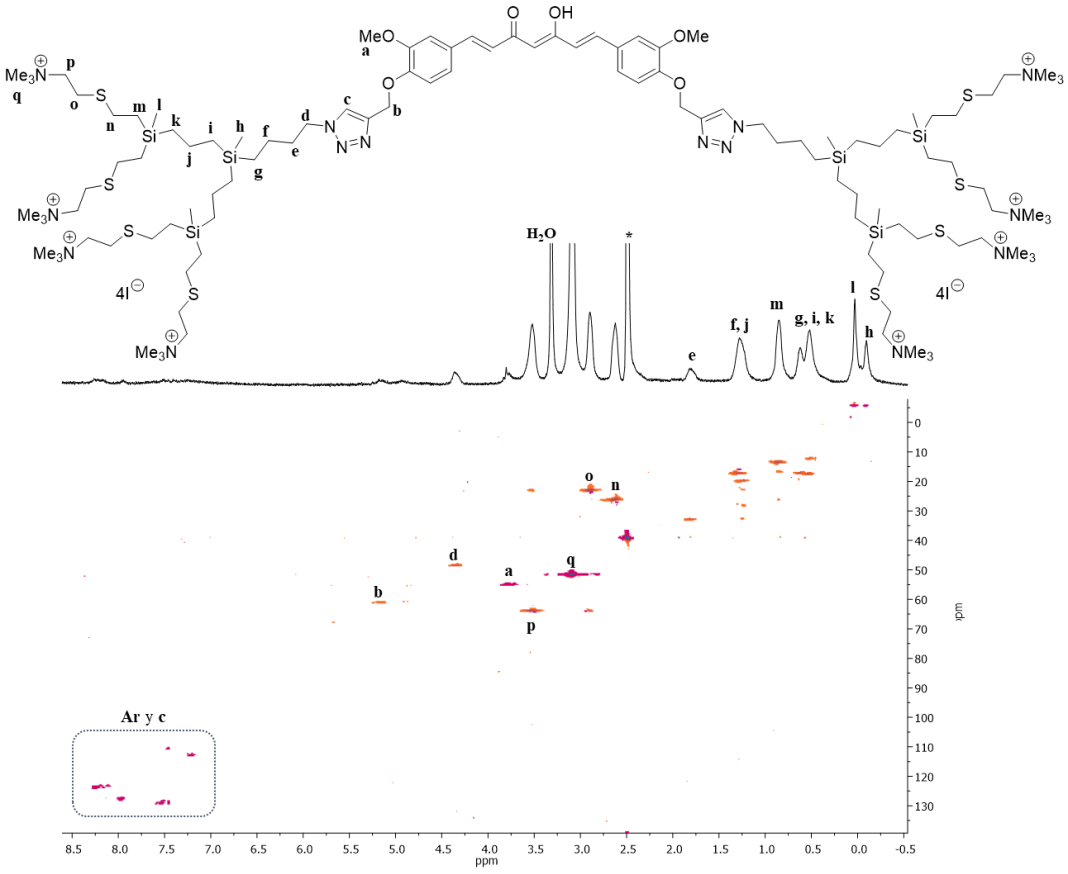

Figure S2. DOSY-2D of derivative $(IMe_3NS)_4G_2[curcumin]G_2(SNMe_3I)_4$ (**1**)

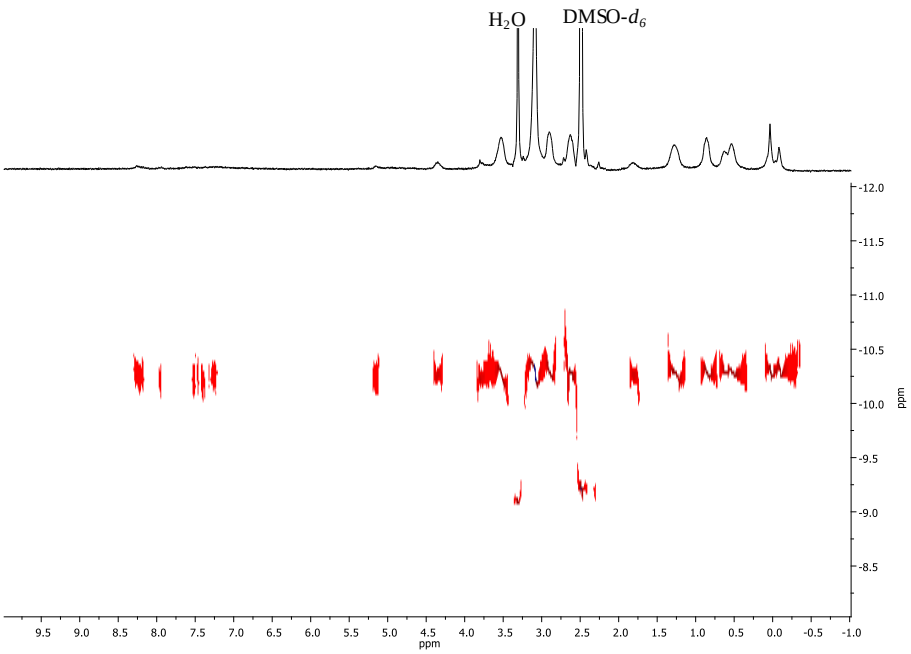

Figure S3. Histograms of cell cycle in MCF-7 cells after treatments with the derivative **II** at different concentrations (0.08, 0.55 and 2.75 μM)

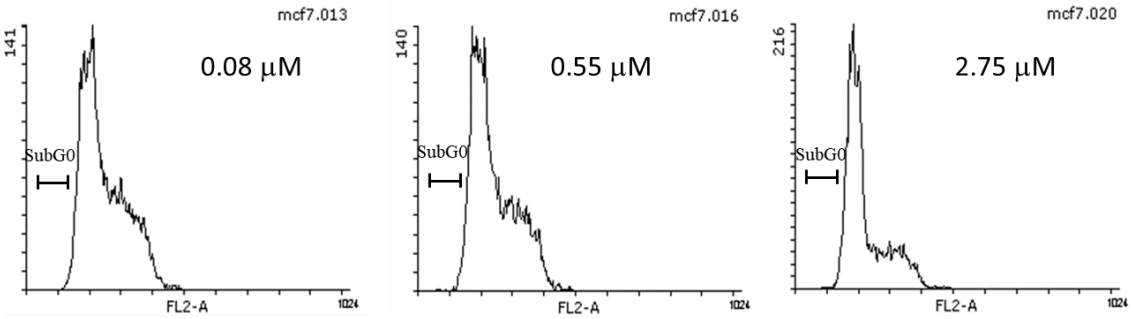

Figure S4. The histogram overlays of compound **1**, **II** and free curcumin: fluorescence intensity is examined using flow cytometry at direfferent concentrations 0.05, 0.08 and 1.65 μM of **1** (A), **II** (B) and curcumin (CUR) (C).