

Supporting Information for

Cytocompatibility and P-glycoprotein inhibition of block copolymers: structure-activity relationship

A. Cambón^a, J. Brea^b, M.I. Loza^b, C. Alvarez-Lorenzo^{b,c}, A. Concheiro^{b,c}, S. Barbosa^{a*}, P. Taboada^{a*}, V. Mosquera^a.

^aGrupo de Física de Coloides y Polímeros, Departamento de Física de la Materia Condensada, Facultad de Física, Universidad de Santiago de Compostela, 15782-Santiago de Compostela, Spain

^bInstituto de Farmacia Industrial, Facultad de Farmacia, Universidad de Santiago de Compostela, 15782-Santiago de Compostela, Spain.

^cDepartamento de Farmacia y Tecnología Farmacéutica, Facultad de Farmacia, Universidad de Santiago de Compostela, 15782-Santiago de Compostela, Spain

*Authors to whom correspondence should be addressed: silvia.barbosa@usc.es; pablo.taboada@usc.es

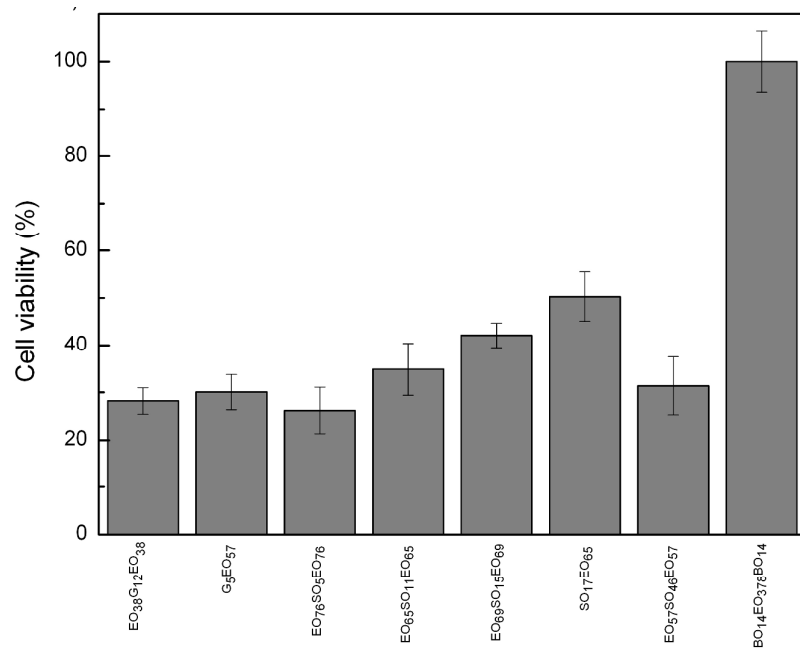


Figure S1: Cell viabilities of different block copolymers in a C17.2 murine neural stem cell line at a polymer concentration of 1.5 wt.% derived from a MTT assay.

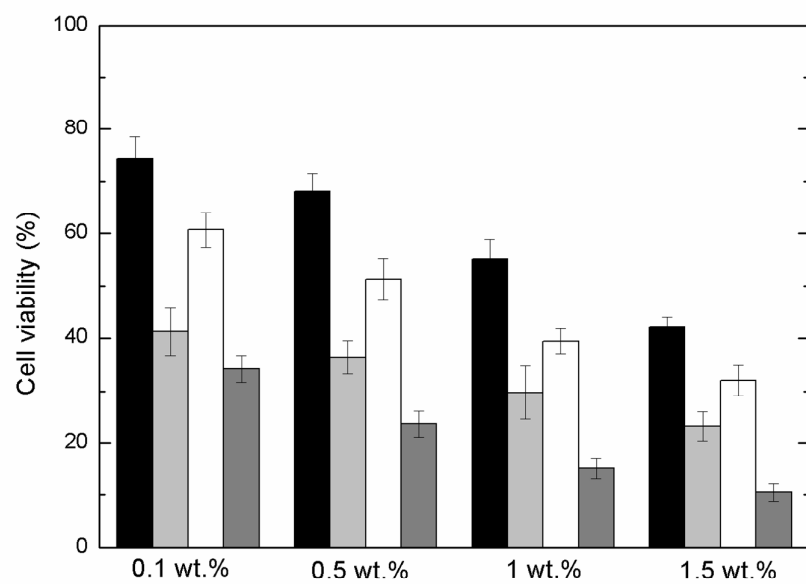


Figure S2: Effect of copolymer concentration in cell viability in a murine fibroblast BALB/3T3 clone A31 cell line for copolymers EO₆₉SO₁₅EO₆₉ (black), EO₃₈G₁₂EO₃₈ (light gray), C₁₆EO₄₅₅ (white), and EO₅₇PO₄₆EO₅₇ (gray).

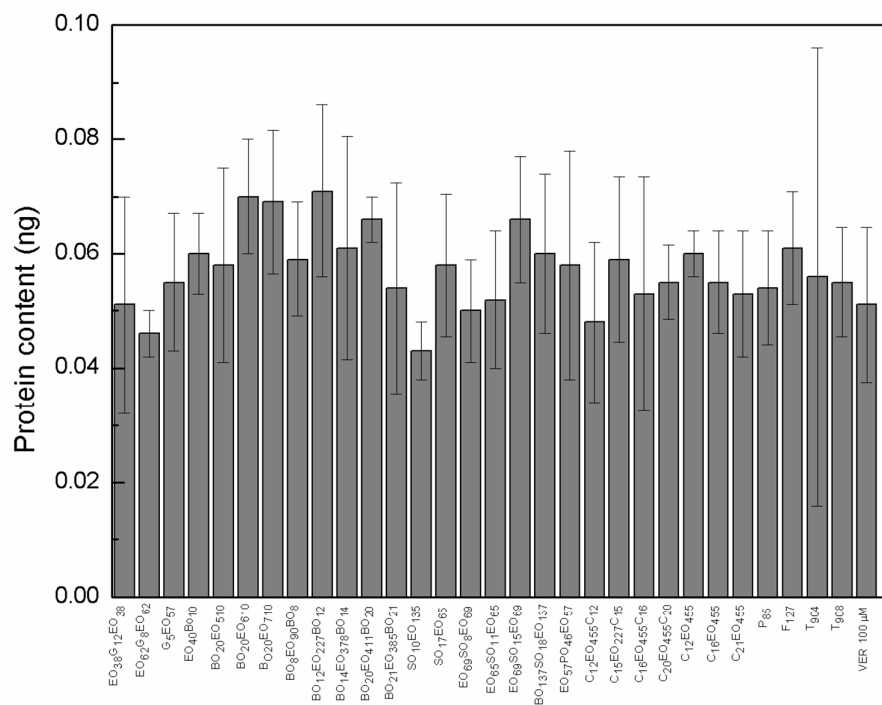


Figure S3: Protein content per well in the NCI-ADR-RES cell line after treatment with verapamil or the block copolymers in the presence of 100 μ M DOXO. Error bars are the standard deviation of at least three different runs.