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(54) **Title:** POLYMERS WITH REDUCED ESTROGENIC ACTIVITY

(57) **Abstract:** A polymer which comprises recurring units derived from at least one monomer (M) having a general formula (I)  $Y_1-Z_1-Q-Z_2-Y_2$  wherein  $Y_1$  and  $Y_2$ , equal or different from each other, are independently selected from a group consisting of OH, SH, Cl, Br, NO<sub>2</sub> or I;  $Z_1$  and  $Z_2$ , equal or different from each other, independently comprises at least 1 aromatic ring and, Q comprises at least one hydrophilic moiety (H) selected from the group consisting of a sulfone (SO<sub>2</sub>), a ketone (CO), a phosphine oxide (PO), an ether, a thioether, an ester, an anhydride, a carbonate, an amide, an imide, an imine and an urethane group, and the interatomic distance between  $Y_1$  and  $Y_2$  is at least 10 Å, the monomer has an EC<sub>50</sub> response value to the estrogen receptor a (ERα) equal to or at least 26000 nM.

