Supporting Information

Design of Bifunctional Dendritic 5-Aminolevulinic Acid and Hydroxypyridinone Conjugates for Photodynamic Therapy

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Figure S1. PpIX production in MCF-7 and MCF-7R cells treated with 300 μ M of ALA or 60 μ M ALA-HPO dendrimer **30a.** Cells were exposed to the compounds for times up to 60 min and then washed to remove the excess compounds. Fluorescence readings were recorded at two later time-points to compare porphyrin levels. (A) fluorescence readings taken after 4 h from the time point at which cells were first exposed to the compound; (B) fluorescence readings were taken after 24 h.



Figure S2: Dark toxicity after incubation with (100 μ M) of ALA and dendritic ALA-HPO without irradiation assessed by MTT assay in KB, MCF-7, and MCF-7R for 24 h.