Supplementary data

Synthesis and Biological Evaluation of BODIPY-PF-543

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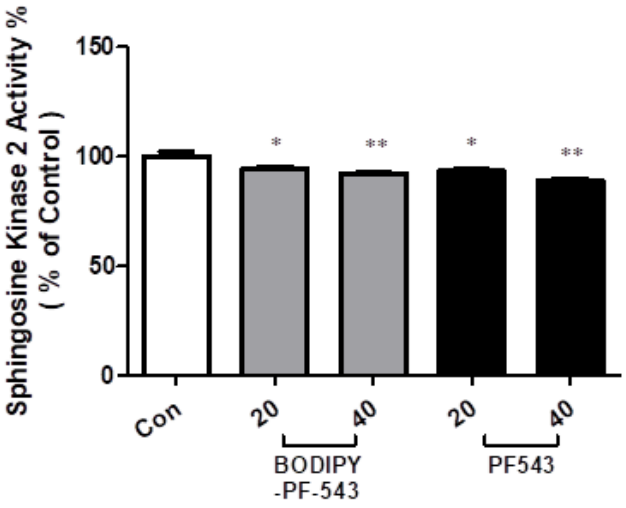

Figure S1. SK2 inhibition assay of BODIPY-PF-543 and PF-543**.** SK2 activity was measured with 20 μM and 40 μM BODIPY-PF-543 and PF-543 using Echelon's Sphingosine Kinase Activity Assay kit according to the manufacturer's protocol (100 μM sphingosine, 10 μM ATP and 1 ng/μL of recombinant sphingosine kinase 2). Data are means ± SD from three experiments. *$p<0.05$, **$p<0.01$ compared with control cells.

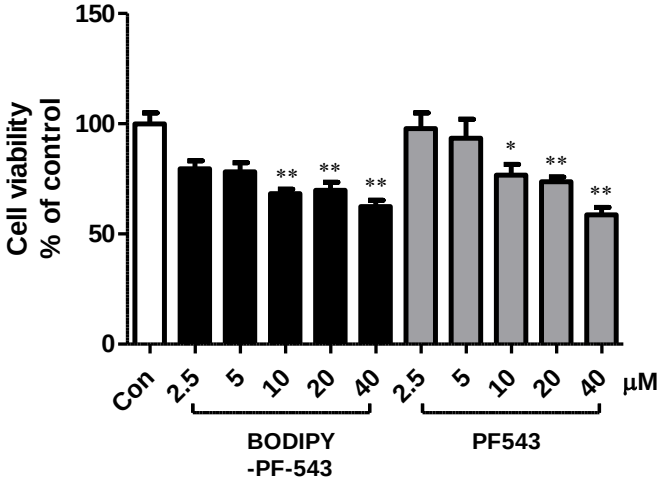

Figure S2. Cell cytotoxic effect of BODIPY-PF-543 and PF-543 in A549 cells. A549 cells were plated in 96 well and treated with BODIPY-PF-543 and PF-543 for 24 h, and cell viability was measured by EZ-CYTOTOX kit. Data are means ± SD (*n*=8). *p<0.05, **p<0.01 compared with control cells.