



Additional file 4: Compounds **10** and **15** are potent inhibitors *in vivo*. *A. thaliana* protoplasts were co-transformed with expression constructs for BZR1-CFP and Myc-tagged ASK ζ and treated with compounds **10** and **15** at the indicated concentrations. BZR1-CFP and ASK ζ -Myc were detected by western blot analysis using monoclonal anti-GFP and anti-Myc antibodies, respectively. Depending on the ASK ζ kinase activity BZR1-CFP occurs in a phosphorylated or unphosphorylated form (indicated by arrows). ASK ζ -Myc appeared as two bands indicating posttranslational modification of this protein. ASK ζ was selected for this experiment since BIN2 is not expressed in the protoplast system.