



**Supplementary information, Figure S5** Stability Measurement of ABA and AM1. Compounds ABA and AM1 were dissolved in water to 100  $\mu$ M and were exposed to a UV light (8W). At indicated time points, one aliquot of 200  $\mu$ L was withdrawn and was subjected to LC-MS analysis. The amount of ABA and AM1 is quantitated by their corresponding peaks in the LC-MS profiles and the half-life of ABA and AM1 were calculated by SPSS program.