



S6 Fig. ^1H NMR-spectra. ^1H NMR-spectra (300 K, 600 MHz) of aloin dissolved in methanol- d_4 and D_2O (1:4) during four weeks of storage at room temperature. (A) 6.4-7.6 ppm (aromatic protons), (B) 2.7-4.7 ppm (non-aromatic protons), (C) 7.40 ± 0.06 ppm (H-6), (D) 4.57 ± 0.06 ppm (H-11a and H-11b, CH_2 -group). (E)

3.85±0.06 ppm (H-10). (F) 3.35±0.06 ppm (H-6', low field signal of the diastereotopic protons in the CH₂-group of glucose). Spectra were calibrated to the (suppressed) water signal set to 4.70 ppm and normalized to the range 6.2 – 7.7 ppm (all aromatic signals).