

Supplementary Materials: Analogs of Natural 3-Deoxyanthocyanins: O-Glucosides of the 4',7-Dihydroxyflavylium Ion and the Deep Influence of Glycosidation on Color

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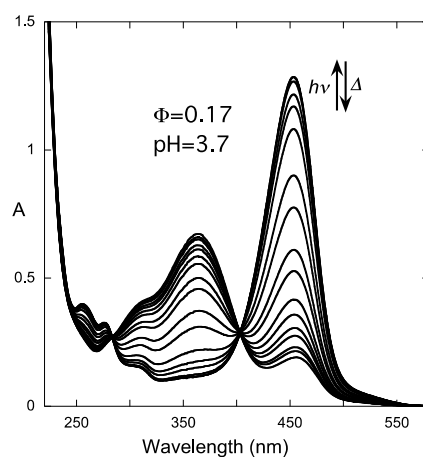


Figure S1. Spectral variations of P3 upon irradiation at 365 nm of an equilibrated solution at pH = 3.7.

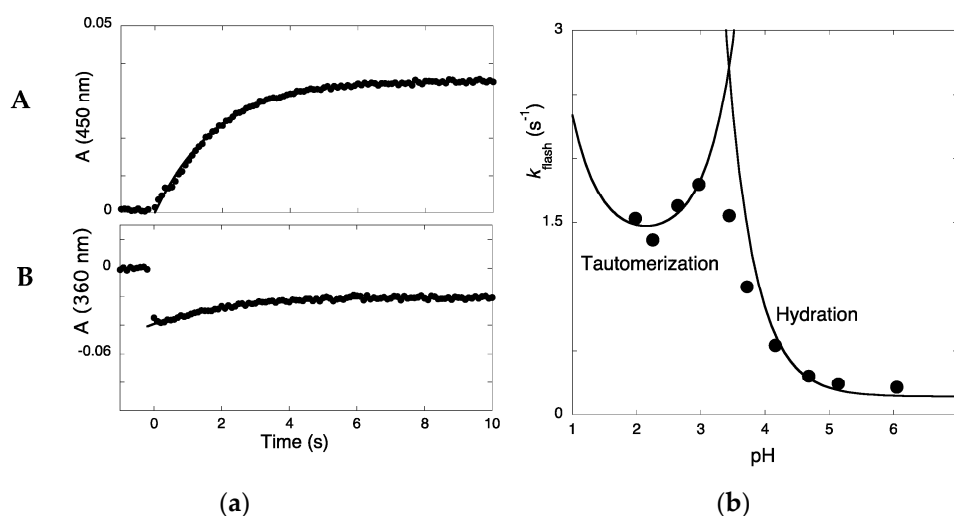


Figure S2. (a) Spectral changes observed at 450 nm (A) and 360 nm (B) after flash photolysis of P5 at pH = 4.2; (b) pH-dependence of the apparent first-order rate constants and its fitting according to Equation s (15) and (16): $k_i K_t / (1 + K_t) = 0.15 \text{ s}^{-1}$; $k_{-t} / (1 + K_t) = 9 \times 10^3 \text{ M}^{-1} \cdot \text{s}^{-1}$, $k_h = 0.05 \text{ s}^{-1}$; $\text{p}K_a = 3.7$; $k_i + k_{-t} = 1.35 \text{ s}^{-1}$; K_a set at $10^{-3.7}$.