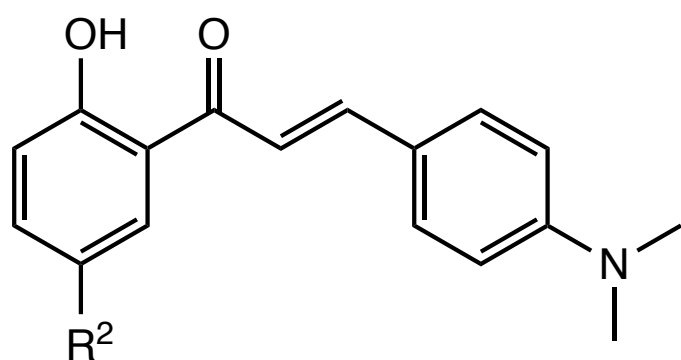


HC1 R¹=H $\lambda=710$ $\Phi_{\text{PL}}=0.32$

HC2 R¹=CH₃ $\lambda=680$ $\Phi_{\text{PL}}=0.25$

HC3 R¹=OCH₃ $\lambda=716$ $\Phi_{\text{PL}}=0.26$



HC4 R²=CH₃ $\lambda=720$ $\Phi_{\text{PL}}<0.01$

HC5 R²=OCH₃ $\lambda=696$ $\Phi_{\text{PL}}<0.01$

