Supporting Information for Synthesis and Photosensitivity of Isoxazolin-5-one Glycosides

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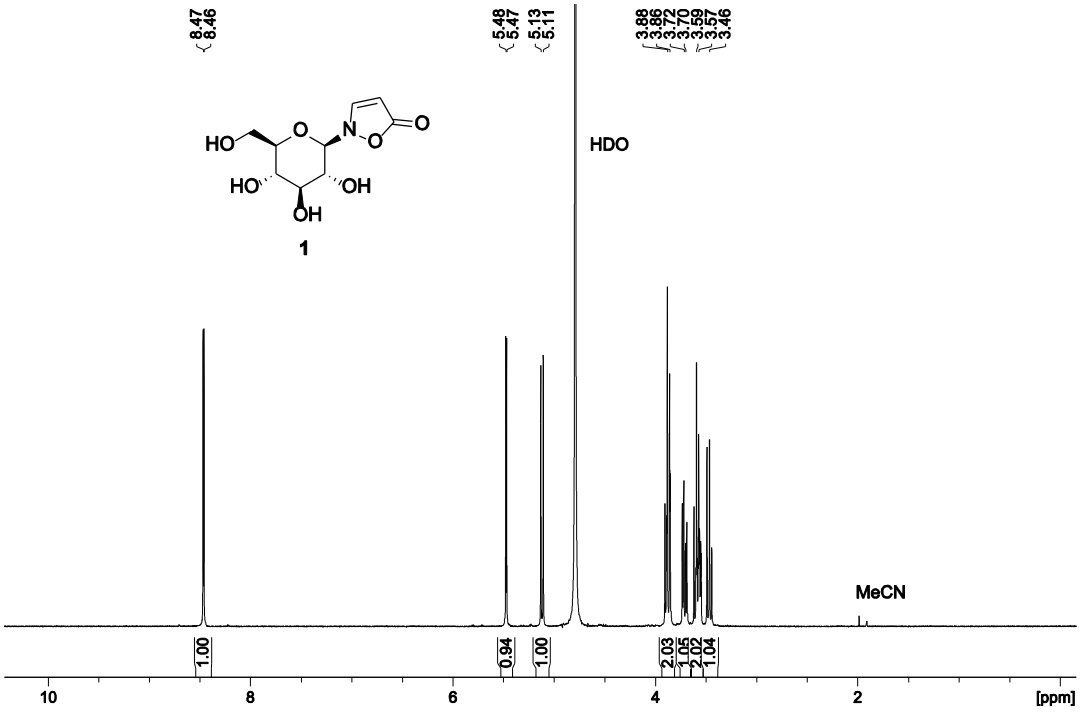
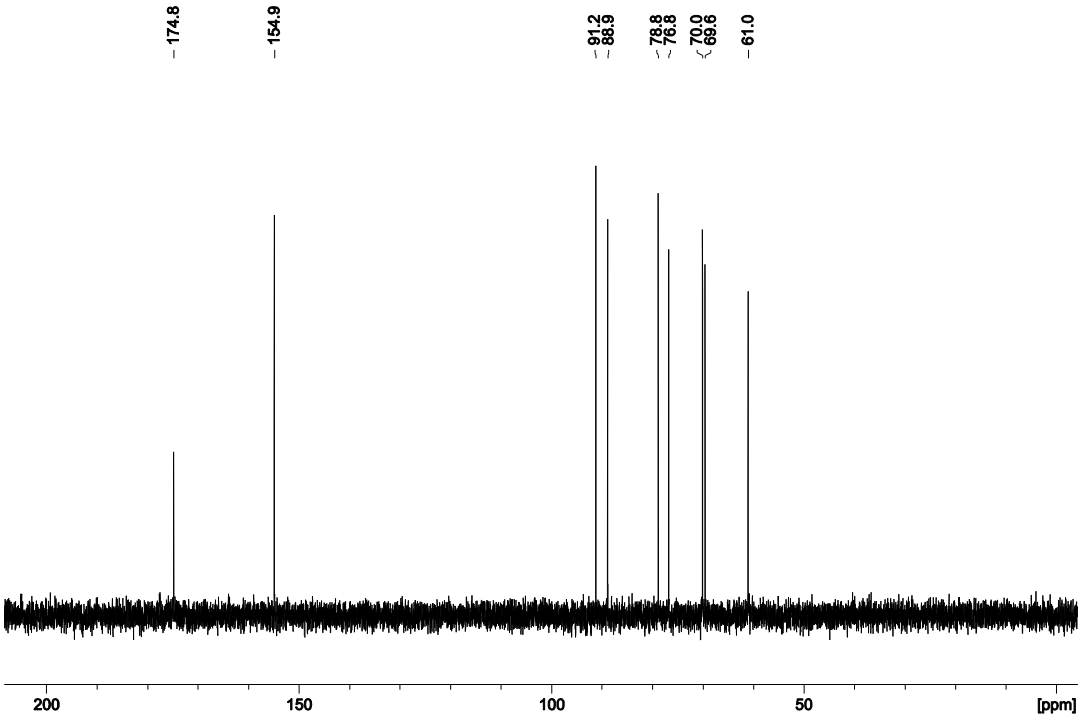
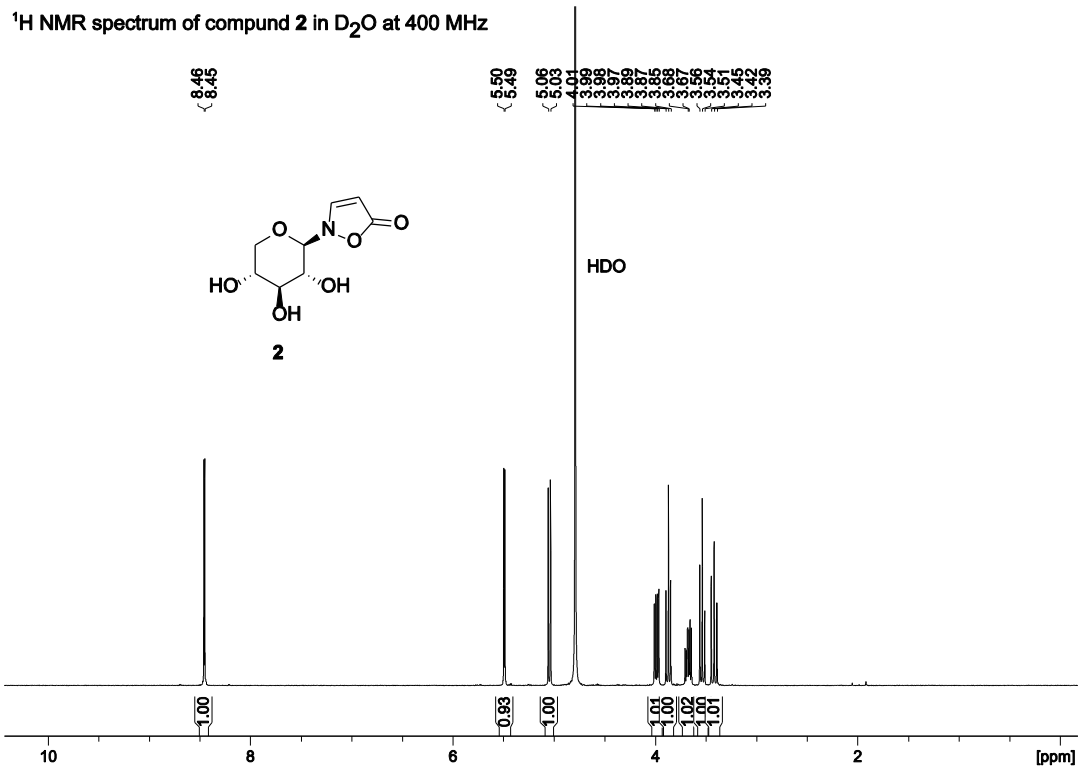
^{1}H NMR spectrum of compound **1** in D_2O at 400 MHz



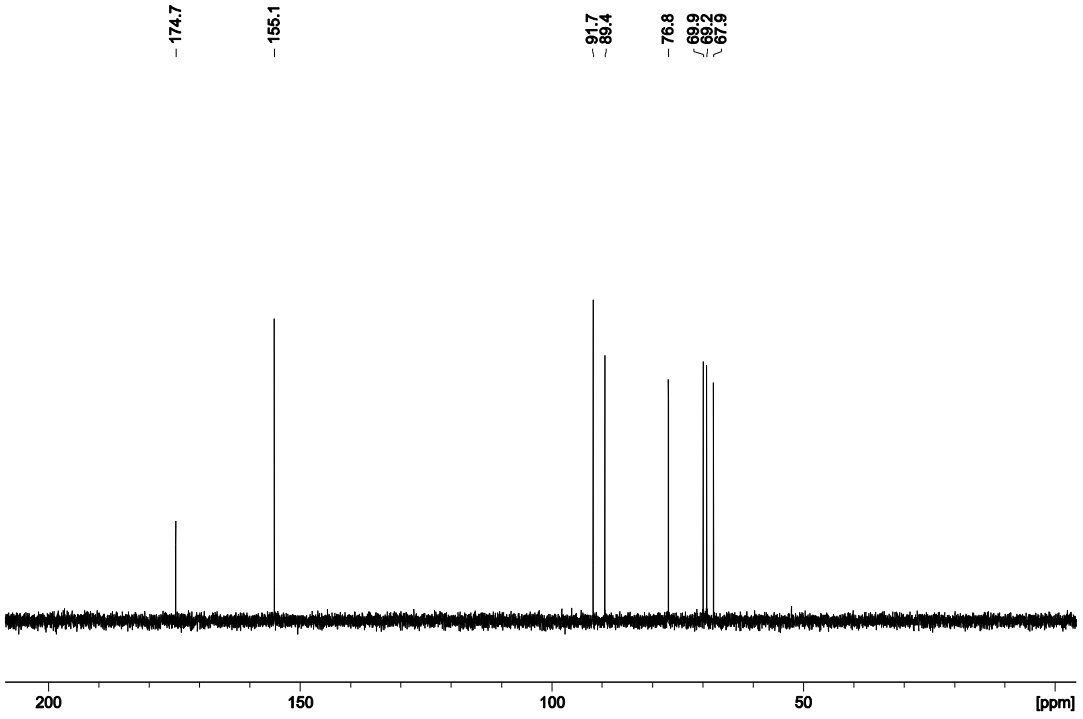
^{13}C NMR spectrum of compound **1** in D_2O at 100 MHz



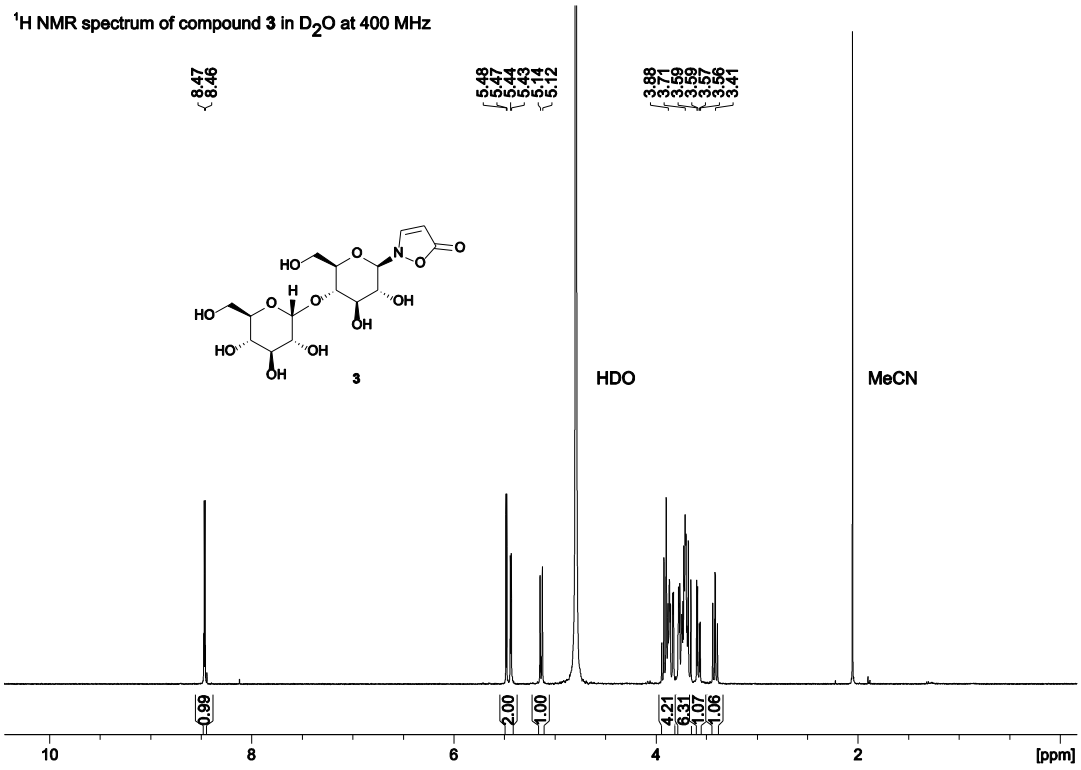
^{1}H NMR spectrum of compund **2** in D_2O at 400 MHz



^{13}C NMR spectrum of compound **2** in D_2O at 100 MHz

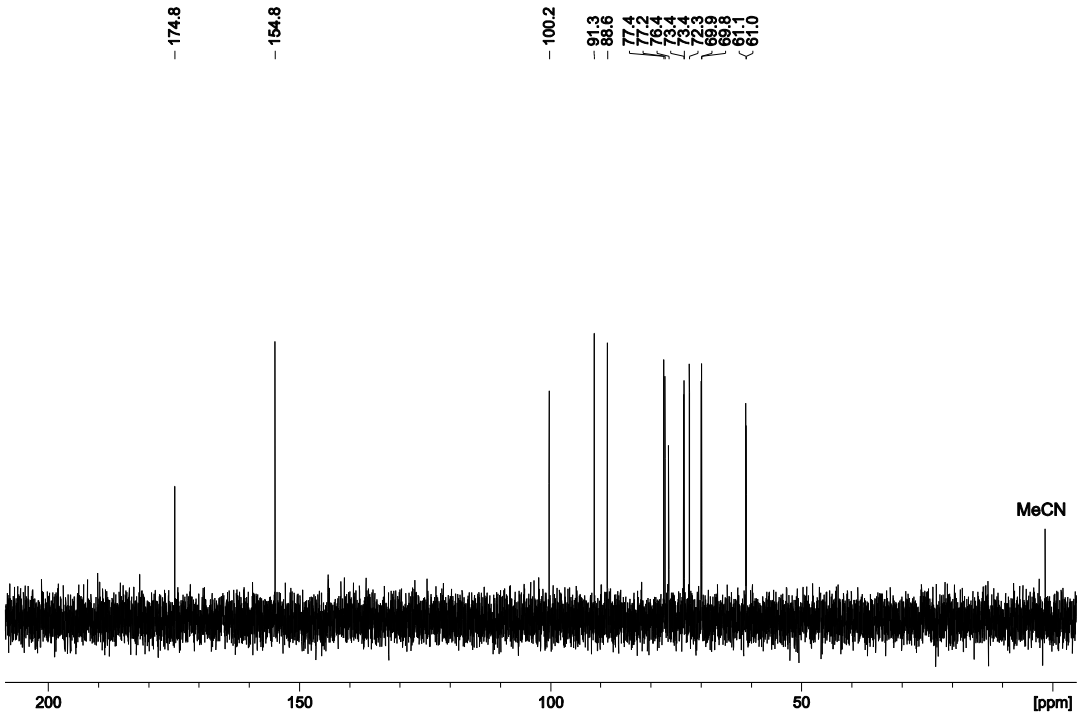


^{1}H NMR spectrum of compound **3** in D_2O at 400 MHz

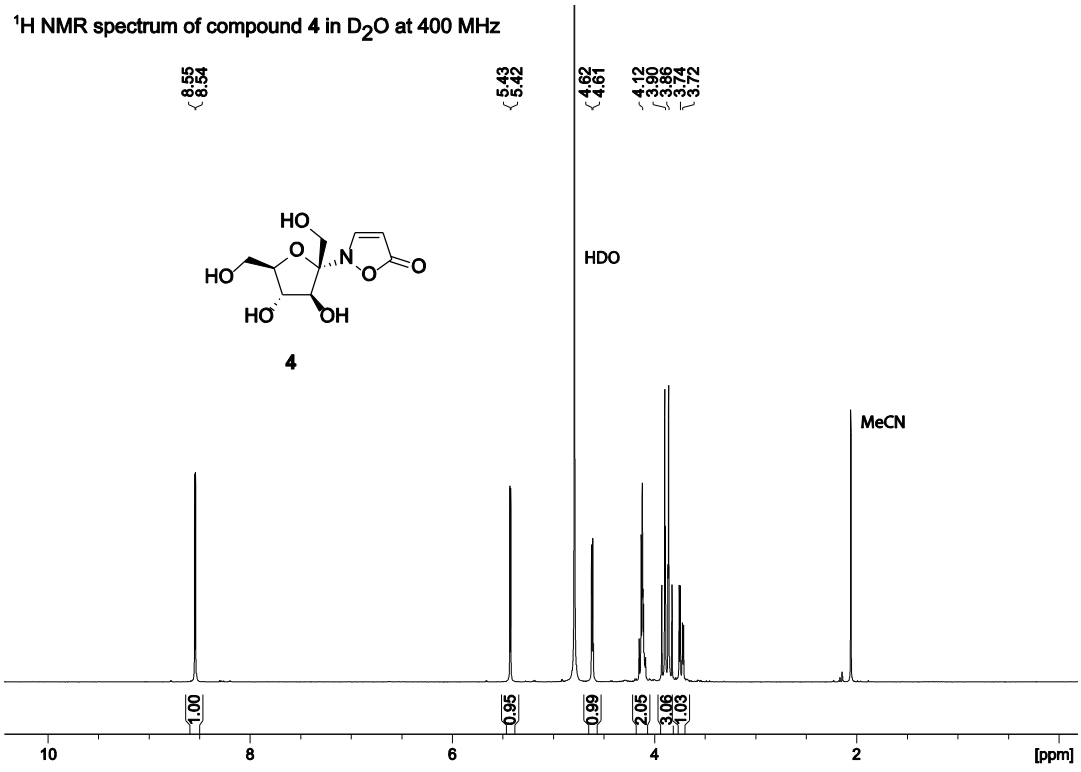


3

^{13}C NMR spectrum of compound **3** in D_2O at 100 MHz

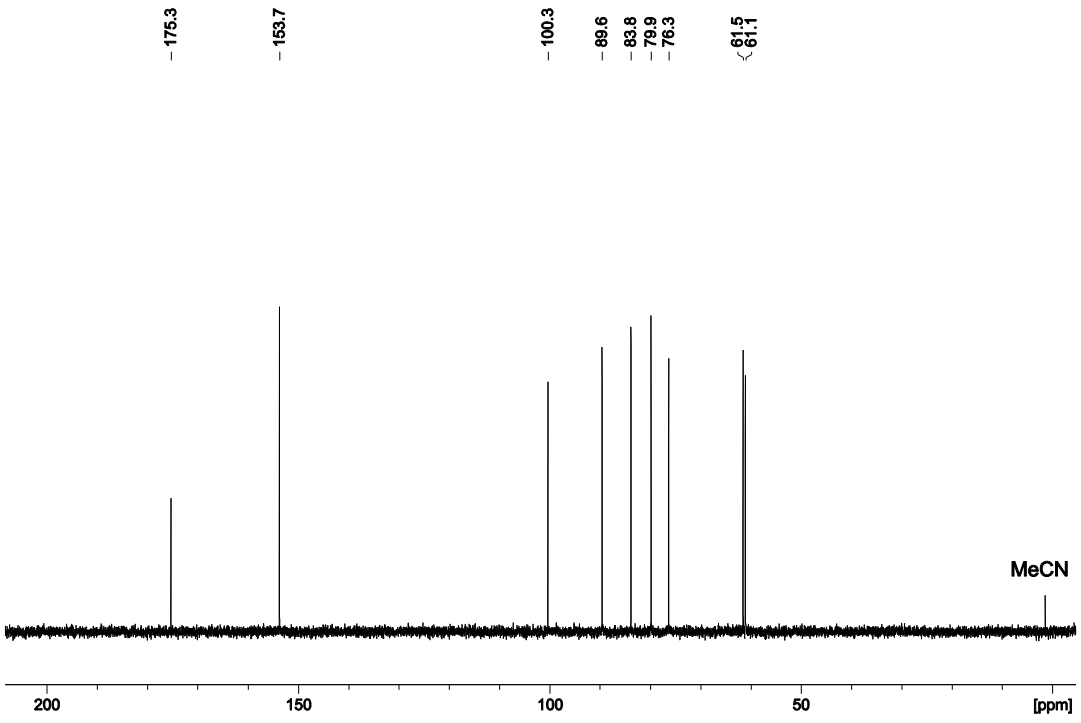


^{1}H NMR spectrum of compound **4** in D_2O at 400 MHz

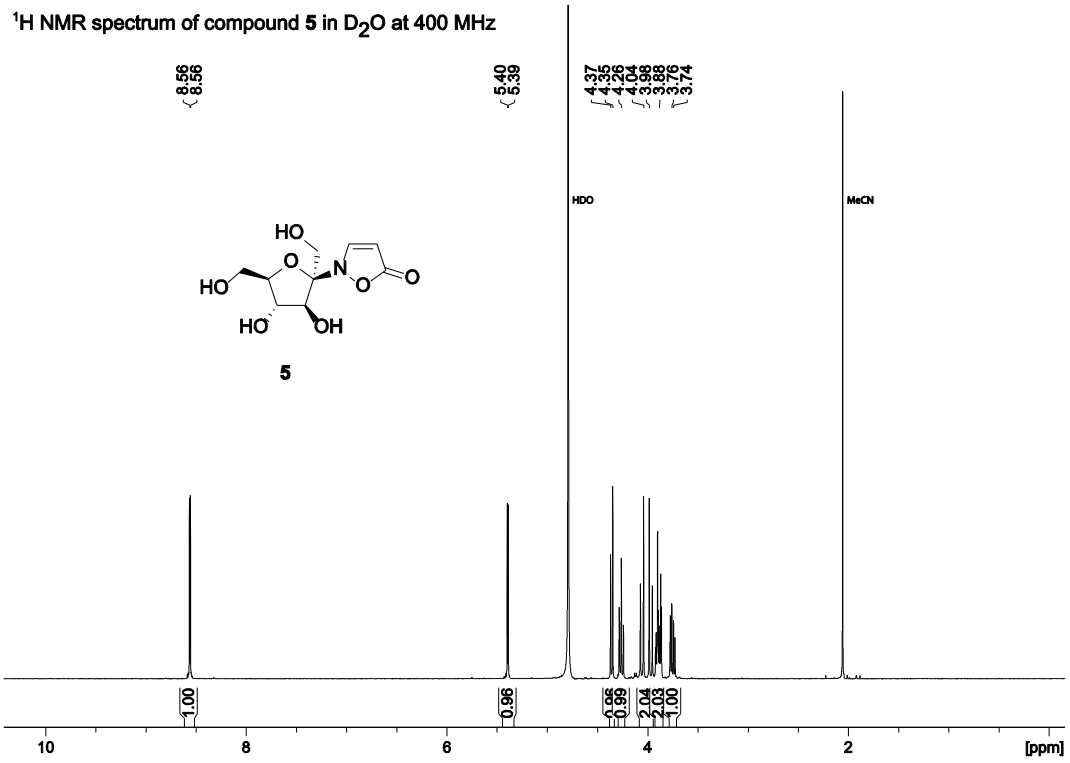


4

^{13}C NMR spectrum of compound **4** in D_2O at 100 MHz

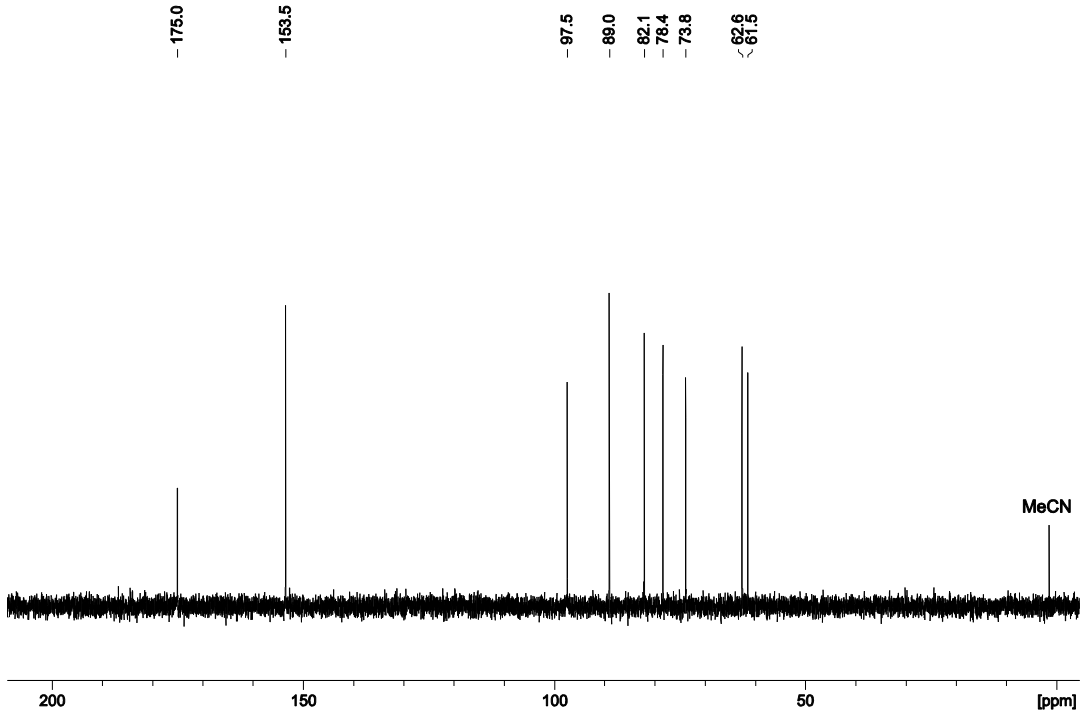


^{1}H NMR spectrum of compound **5** in D_2O at 400 MHz



5

^{13}C NMR spectrum of compound **5** in D_2O at 100 MHz



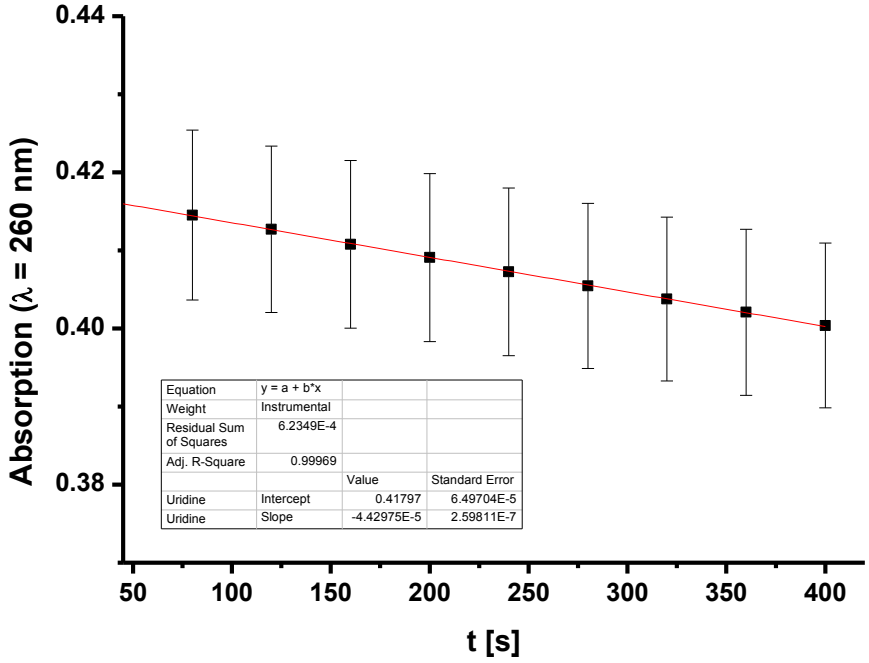


Fig. S1: Decay curve of uridine in Na_2HPO_4/NaH_2PO_4; λ_{max} = 254 nm; I_{261} = 0.18 mW/cm^2; pH = 7; d_{lamp} = 5 cm; rt; the error bars show the standard deviation (n = 5).

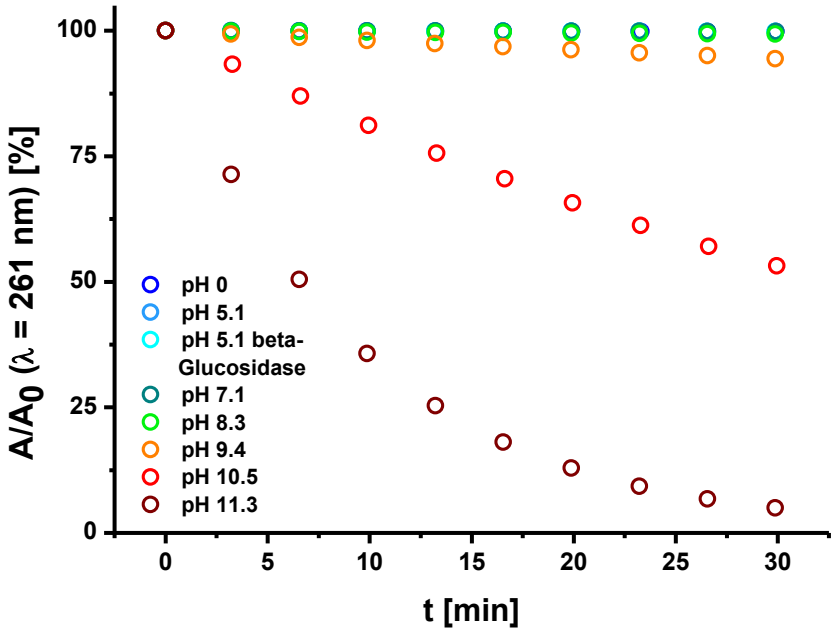


Fig. S2: Absorption of compound **1** at 261 nm under different pH conditions over the time.

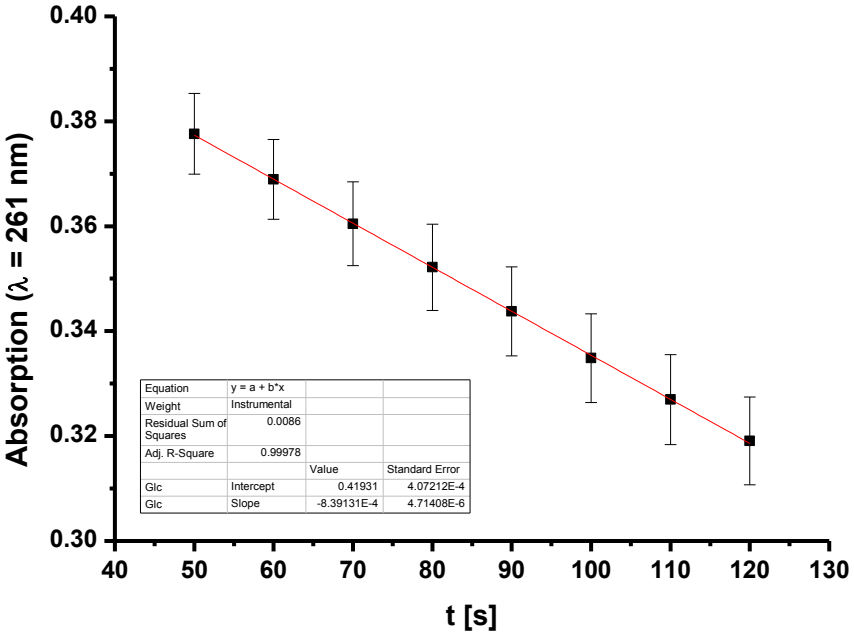


Fig. S3: Decay curve of comp. **1** in Na_2HPO_4/NaH_2PO_4; λ_{max} = 254 nm; I_{261} = 0.18 mW/cm^2; pH = 7; d_{lamp} = 5 cm; rt; the error bars show the standard deviation (n = 5).

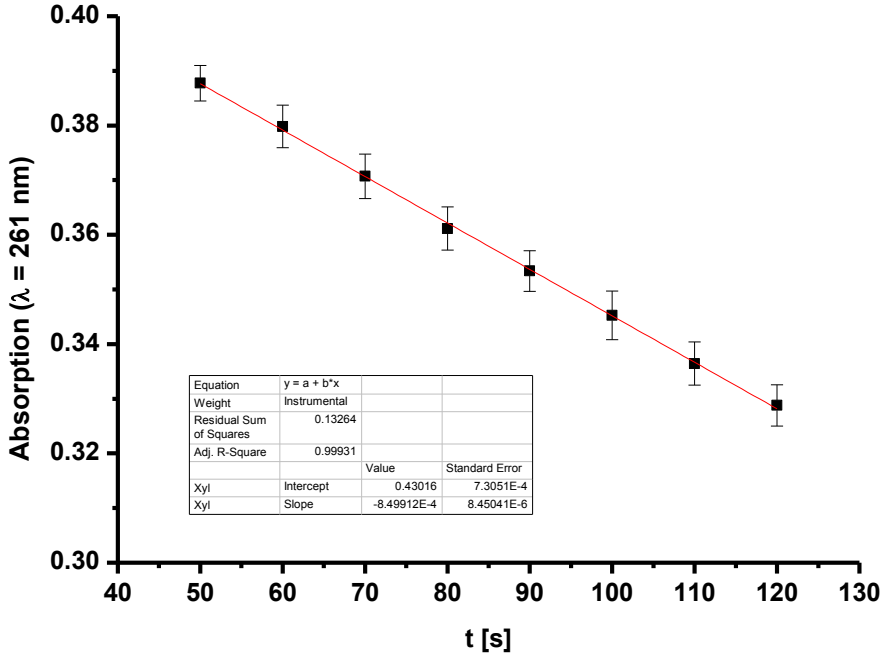


Fig. S4: Decay curve of comp. **2** in Na_2HPO_4/NaH_2PO_4; λ_{max} = 254 nm; I_{261} = 0.18 mW/cm^2; pH = 7; d_{lamp} = 5 cm; rt; the error bars show the standard deviation (n = 5).

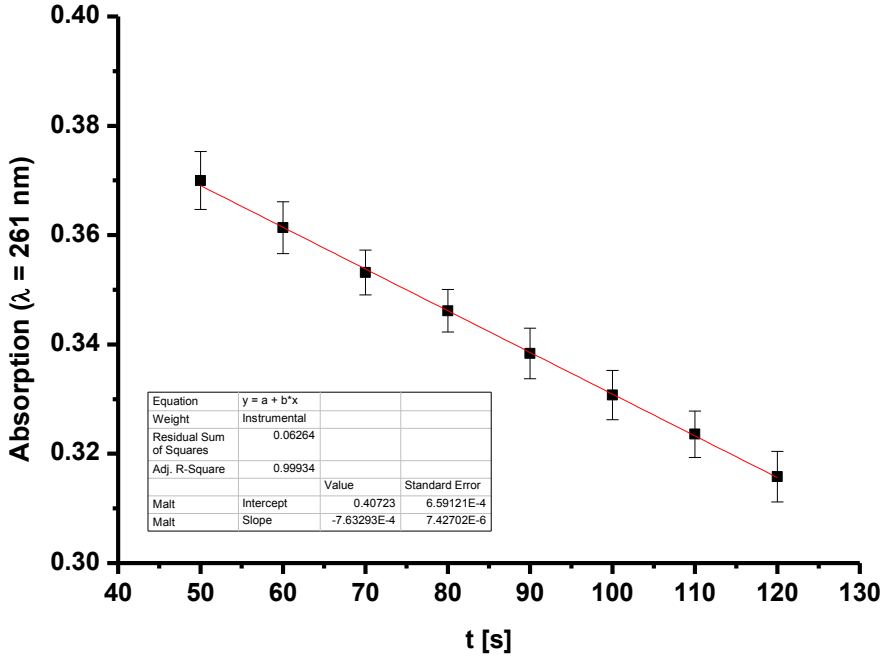


Fig. S5: Decay curve of comp. **3** in Na_2HPO_4/NaH_2PO_4; λ_{max} = 254 nm; I_{261} = 0.18 mW/cm^2; pH = 7; d_{lamp} = 5 cm; rt; the error bars show the standard deviation (n = 5).

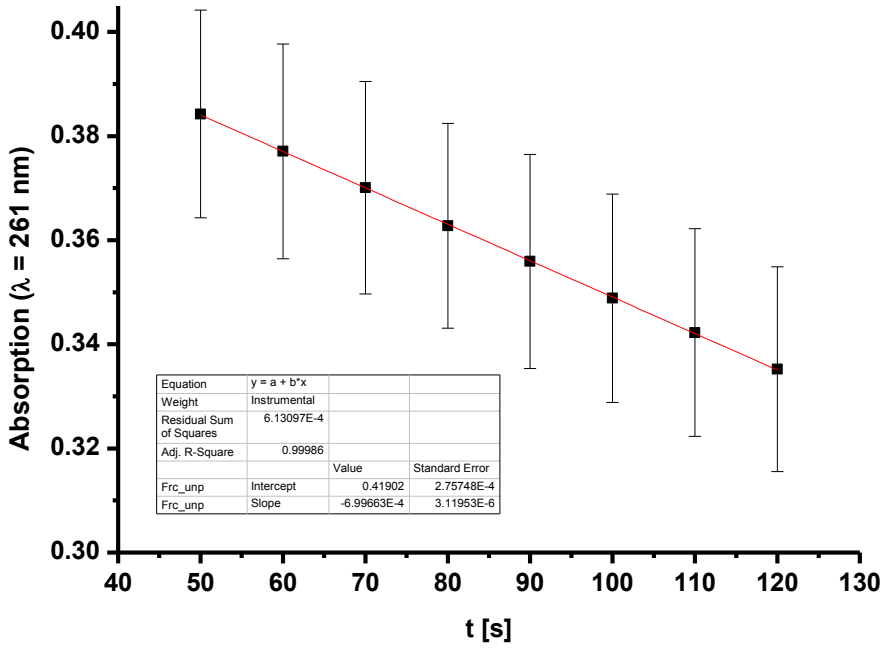


Fig. S6: Decay curve of comp. **4** in Na_2HPO_4/NaH_2PO_4; λ_{max} = 254 nm; I_{261} = 0.18 mW/cm^2; pH = 7; d_{lamp} = 5 cm; rt; the error bars show the standard deviation (n = 5).

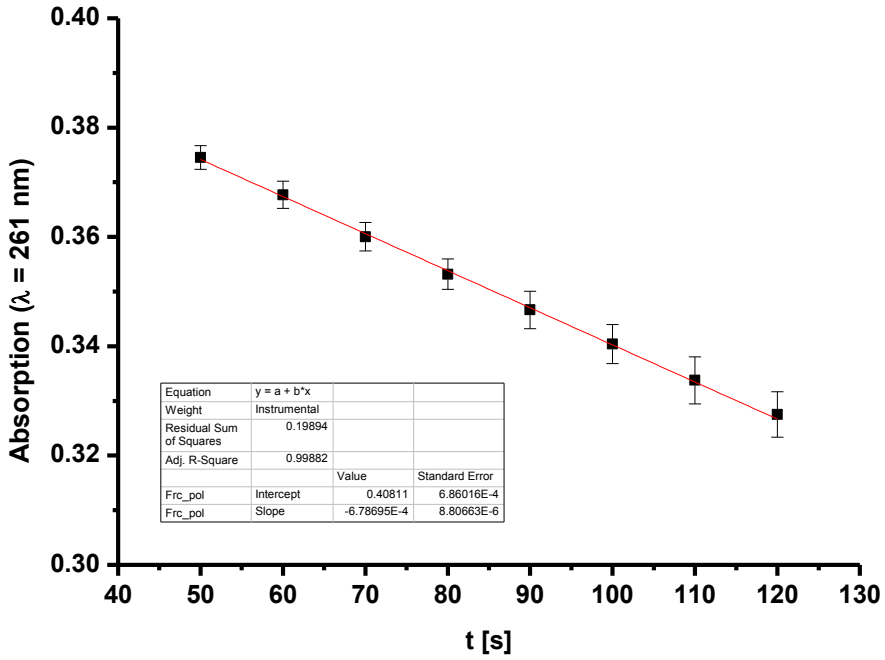


Fig. S7: Decay curve of comp. **5** in Na_2HPO_4/NaH_2PO_4; λ_{max} = 254 nm; I_{261} = 0.18 mW/cm^2; pH = 7; d_{lamp} = 5 cm; rt; the error bars show the standard deviation (n = 5).