

Supporting information for

Reversible Photodimerization of Coumarin-Modified Wells-Dawson Anions

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1. ^1H NMR and ^{31}P NMR spectroscopy of compound 4

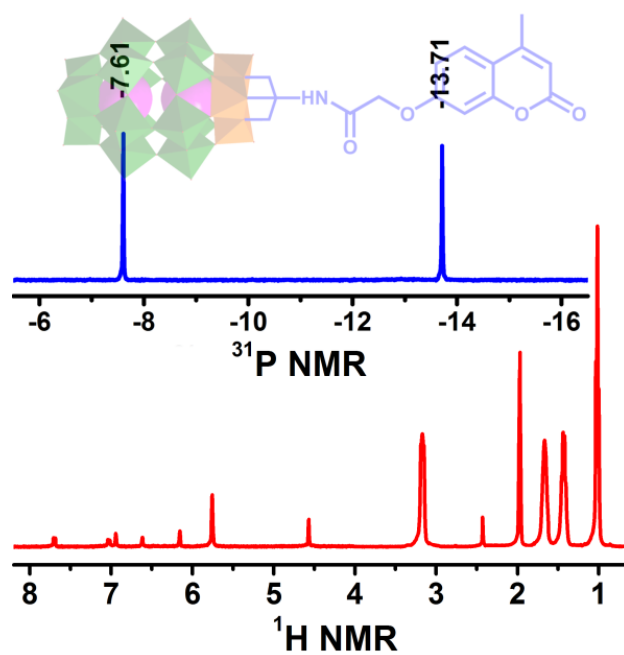


Figure S1. a) ^1H NMR and b) ^{31}P NMR of compound 4.

2. FT-IR spectroscopy

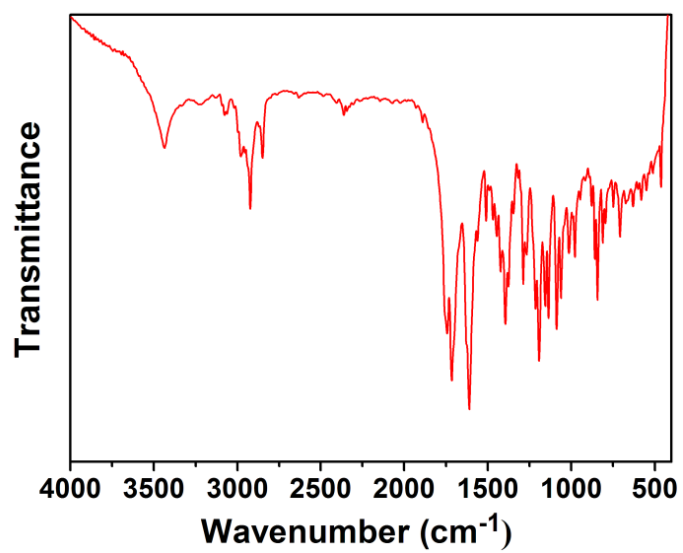


Figure S2. FT-IR of compound 1.

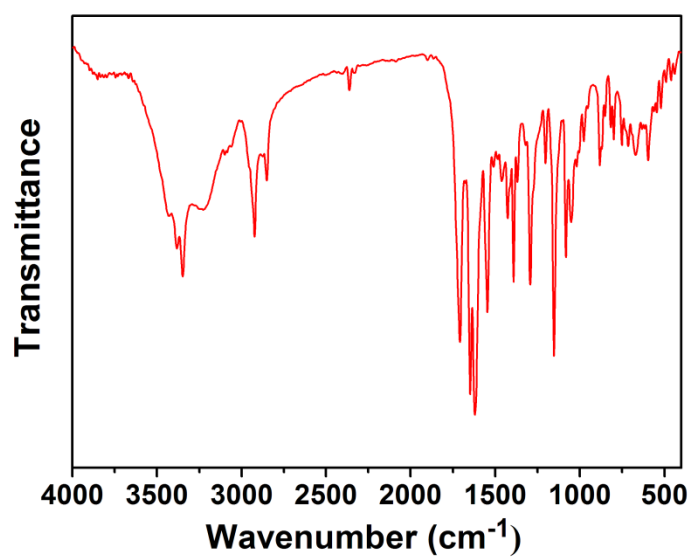


Figure S3. FT-IR of compound 2.

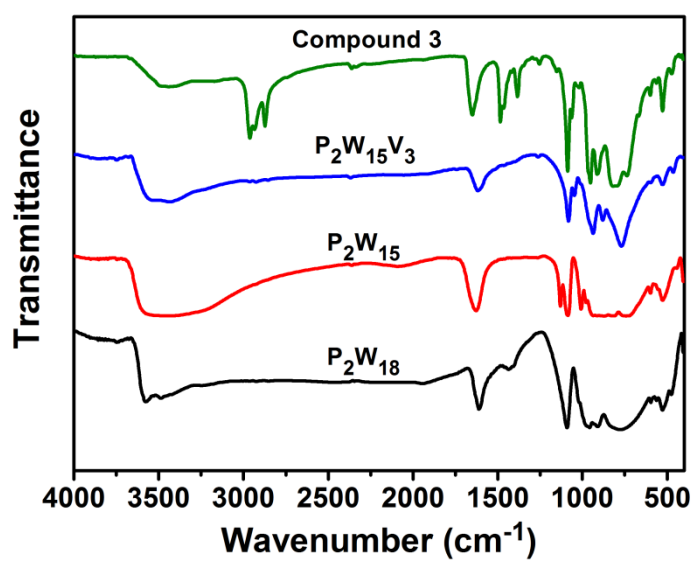


Figure S4. FT-IR of compound 3.

3. ESI-MS of compound 1 and 2

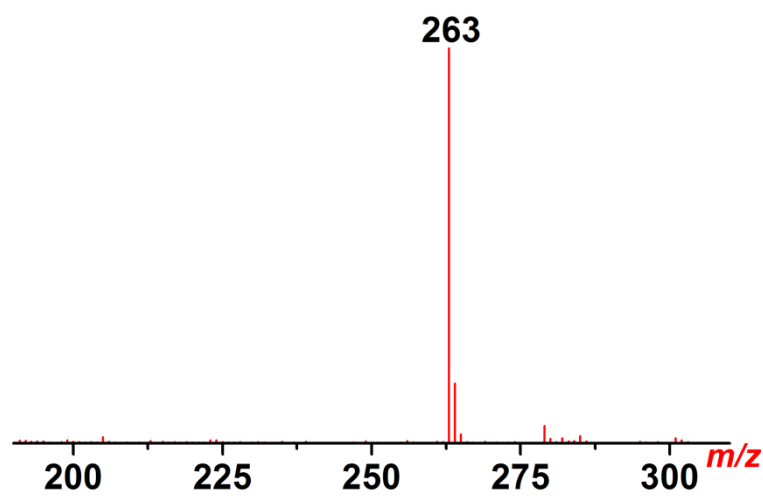


Figure S5. ESI-MS of compound 1.

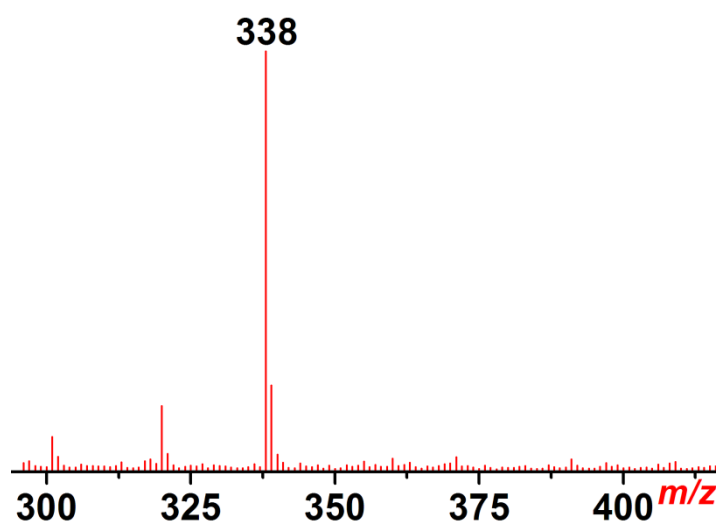
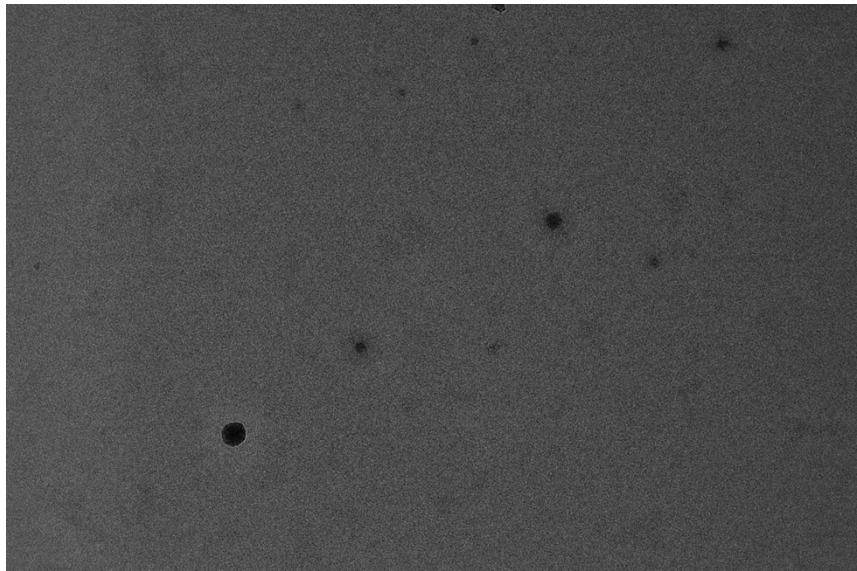
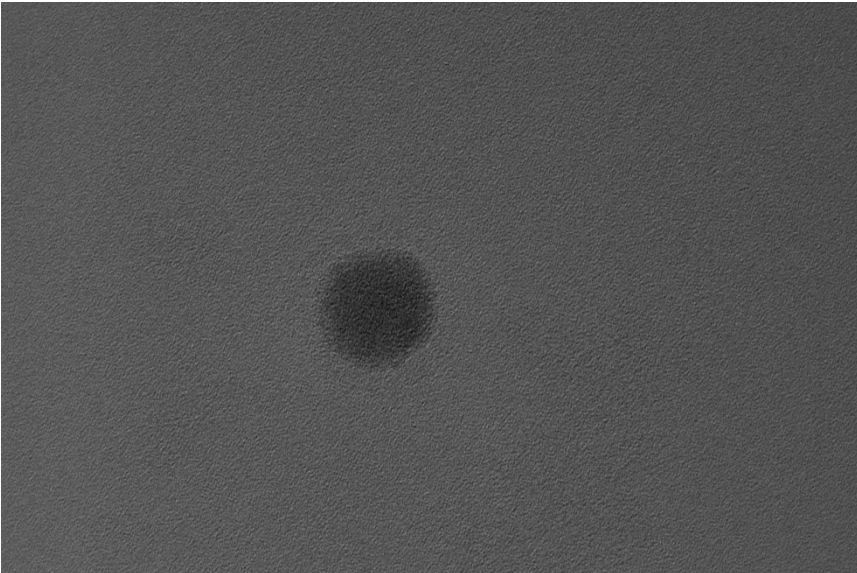


Figure S6. ESI-MS of compound 2.

4. TEM images of the dimer particles after photo-irradiation of compound 4.



Microscope	Accelerating Voltage	Magnification	Camera Length
Tecnai	200 kV	38000 x	- 250 nm -



Microscope	Accelerating Voltage	Magnification	Camera Length
Tecnai	200 kV	195000 x	- 50 nm -