Supporting Information

Anthracene Derivatives as Broadband Nonlinear Optical Materials:

Nonlinear Absorption and Excited-state Dynamics Analysis

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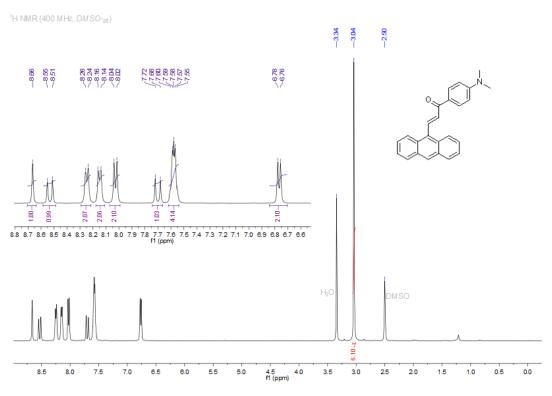
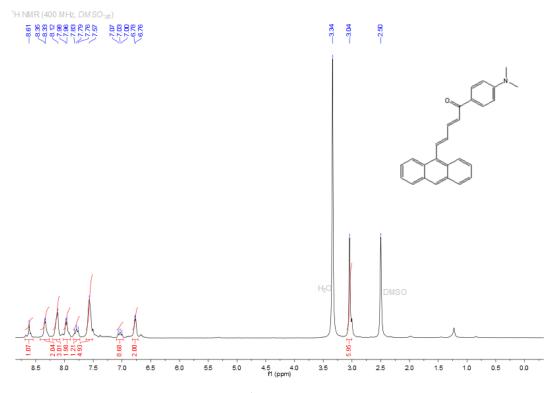


Fig. S1¹H NMR of AN-1





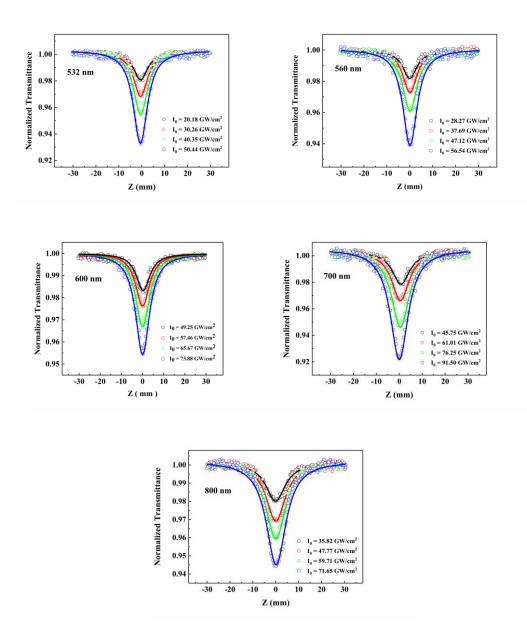


Fig. S3 Open-aperture Z-scan results of AN-1 at different excitation wavelengths (532 nm, 560 nm, 600 nm, 700 nm, 800 nm)

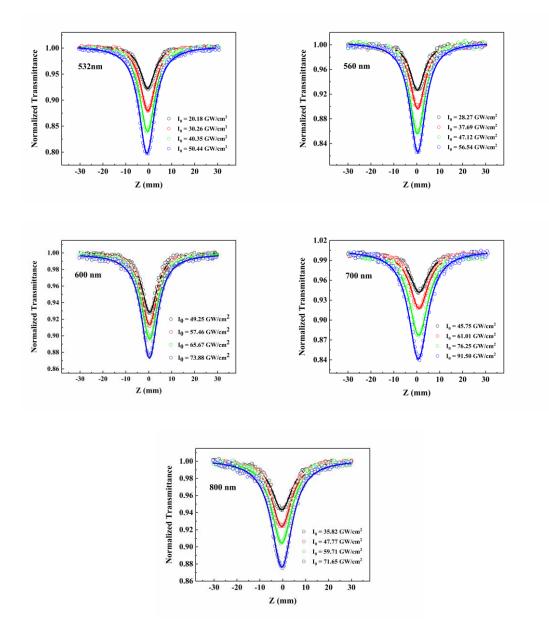


Fig. S4 Open-aperture Z-scan results of AN-2 at different excitation wavelengths (532 nm, 560 nm, 600 nm, 700 nm, 800 nm)