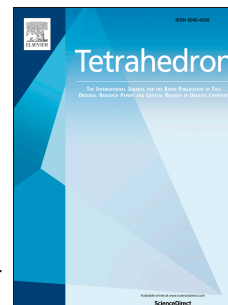


# Accepted Manuscript

Synthesis, optical characterization, and solvatochromism study of new two-photon absorption compounds

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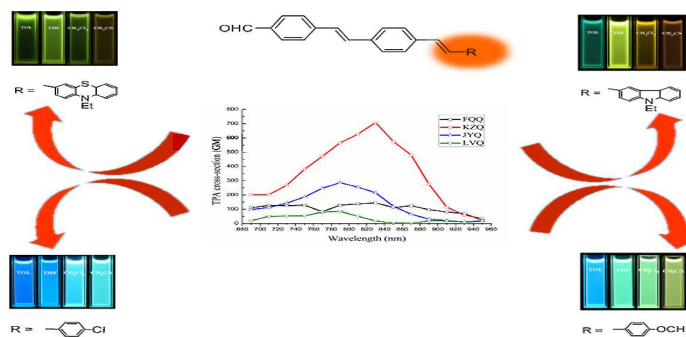
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### Graphical abstract

The new donor- $\pi$ -acceptor / acceptor- $\pi$ -acceptor compounds exhibit strong up-converted fluorescence, obvious solvatochromic effects, and the largest  $\sigma$  value in various solvents, which provide a promising alternative as a polarity-sensitive two-photon fluorescent probe.



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