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Title:	Dual emissive bodipy–benzodithiophene–bodipy TICT triad with a remarkable Stokes shift of 194 nm
Authors:	Sengupta, S. (/jspui/browse?type=author&value=Sengupta%2C+S.) Pandey, U.K. (/jspui/browse?type=author&value=Pandey%2C+U.K.)
Keywords:	Dipyromethene Benzodithiophene Bodipy Singlet Oxygen
Issue Date:	2018
Publisher:	Royal Society of Chemistry
Citation:	Organic and Biomolecular Chemistry, 16(12), pp. 2033-2038
Abstract:	An acceptor–donor–acceptor (A–D–A) triad based on a BODIPY acceptor and a benzodithiophene donor exhibited dual fluorescence and pronounced fluorescence solvatochromism because of twisted intramolecular charge transfer (TICT) state formation. Furthermore, it showed a Stokes shift of ~194 nm which is the highest known for any BODIPY compound with a readily tunable fluorescence and a high charge carrier mobility of $4.46 \times 10^{-4} \text{ cm}^2 \text{ V}^{-1} \text{ s}^{-1}$.
URI:	https://pubs.rsc.org/en/content/articlelanding/2018/ob/c8ob00272j#divAbstract (https://pubs.rsc.org/en/content/articlelanding/2018/ob/c8ob00272j#divAbstract) http://hdl.handle.net/123456789/2262 (http://hdl.handle.net/123456789/2262)
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