

Si-SUBSTITUTED XANTHENE FLUORESCENT DYES WITH NEAR- INFRARED EMISSION

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Herein we present a new series of Si-substituted xanthene fluorescent dyes, with near-infrared (NIR) emission. The emitted light has high tissue transparency, which enables our dyes to be used in oncology or neuroscience. Synthesis, quantum yield and two-photon properties are also described.