

TABLE I
 ABSORPTION CROSS-SECTIONS AND LIFETIMES OF S_0 , S_1 , AND T_1 STATES AT DIFFERENT WAVELENGTHS [18]–[22]

Life time (s)		Absorption cross-section	Values (cm^2)				
			410 nm	442 nm	476 nm	532 nm	672 nm
τ_{S0}	6.2×10^{-9}	σ_{S0}	1.5×10^{-16}	3.67×10^{-16}	---	7.65×10^{-18}	2.95×10^{-16}
τ_{ST}	1.5×10^{-9}	σ_{S1}	1.91×10^{-16}	2.56×10^{-16}	1.03×10^{-16}	---	---
τ_{T0}	1.0×10^{-7}	σ_{T1}	3.4×10^{-17}	1.5×10^{-16}	1.7×10^{-16}	1.3×10^{-16}	---