

Table A.1. Conversions of the fluence at different repetition rates to Einsteins and to an equivalent continuous (CW) excitation intensity.

fluence [photons/ (pulse·cm ²)]	Einsteins [photons/mol·s·cm ²]				CW excitation intensity [W/cm ²]			
	81 MHz	8 MHz	2 MHz	50 kHz	81 MHz	8 MHz	2 MHz	50 kHz
3.3·10 ¹²	4.4·10 ⁻⁴	4.4·10 ⁻⁵	1.1·10 ⁻⁵	--	67	6,7	1.7	--
6.5·10 ¹²	8.8·10 ⁻⁴	8.8·10 ⁻⁵	2.1·10 ⁻⁵	--	130	13	3.3	--
13·10 ¹²	1.8·10 ⁻³	1.8·10 ⁻⁵	4.3·10 ⁻⁵	1.1·10 ⁻⁶	270	27	6.7	0.17
26·10 ¹²	3.5·10 ⁻³	3.5·10 ⁻⁴	8.6·10 ⁻⁵	2.2·10 ⁻⁶	530	53	13	0.33