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BOSTON UNIVERSITY PHOTONICS CENTER
Photochemistry Data

This chart indicates the time needed to deprotect (cleave off) 50% of the NP-POC protective groups at the specified irradiances. NP-POC groups must be removed in order for the next DNA base to bind at that location.

<u>Irradiance</u>	<u>Time to cleave of half of NP-POC</u>
10 mW/cm ²	90 seconds
17.5 mW/cm ²	60 seconds
25 mW/cm ²	30 seconds