

entrainment (in photochemistry)

Term used in *photostimulated radical nucleophilic substitution* to designate the induction of the reaction of a less reactive (or non-reactive) nucleophile with a substrate by the addition of catalytic amounts of another nucleophile, more reactive at initiation. Often, the non-reactive nucleophile at initiation is, however, quite reactive at propagation.

Note: Term also used in *photobiology* in connection with the setting of the circadian clock by biological photosensors such as phytochromes and cryptochromes in plants and cryptochromes in mammals and insects.

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