

alkene photodimerization

Photochemical process leading to the formation of a cyclobutane from two identical alkenes, i.e., from the photocycloaddition of an electronically excited alkene to a ground-state alkene.

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 301