

**alkene photoisomerization**

*Photochemical process* with geometrical isomerization of a carbon-carbon double bond.

Note 1: Geometrical isomerization of a C-C double bond is called a *cis/trans isomerization* in 1,2-disubstituted alkenes. *E/Z isomerization* is a more general designation applying also to higher substituted alkenes.

Note 2: This process leads to a *photostationary state* if both isomers absorb light under the reaction conditions.

2007, 79, 302