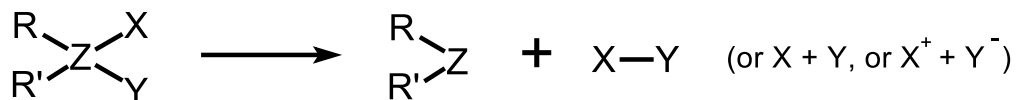


α -elimination

1. A transformation of the general type:



where the central atom Z is commonly carbon. The reverse reaction is called α -addition.

Source:

PAC, 1994, 66, 1077 (*Glossary of terms used in physical organic chemistry (IUPAC Recommendations 1994)*) on page 1088

2. (*in photochemistry*) General term applied to a reaction by which a group attached to the alpha carbon of an *excited chromophore* is expelled either as an odd electron species or as an ionic species.

Note:

This reaction should be distinguished from an alpha-(α -)cleavage.

Source:

PAC, 2007, 79, 293 (*Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)*) on page 302