**photodecarboxylation**

Photoinduced extrusion of carbon dioxide (CO$_2$).

Note:
Typical examples are the CO$_2$ extrusion upon excitation of anti-inflammatory 2-arylpropionic acids, such as ketoprofen.

![Chemical Reaction Diagram](attachment:reaction.png)

**Source:**
PAC, 2007, 79, 293 (Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)) on page 389