**Barton reaction**

Photolysis of a nitrite to form a δ-nitroso alcohol. The mechanism is believed to involve a homolytic RO–NO cleavage, followed by δ-hydrogen abstraction and radical coupling.

**Source:**
PAC, 1996, 68, 2223 (Glossary of terms used in photochemistry (IUPAC Recommendations 1996)) on page 2229