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# Oxybenzone

National Cancer Institute

## Source

National Cancer Institute. *Oxybenzone*. NCI Thesaurus. Code C47646.

A benzophenone derivative used as a sunscreen agent. Oxybenzone absorbs UVB and UVA II rays, resulting in a photochemical excitation and absorption of energy. Upon return to ground state, the absorbed energy results in emission of longer wavelength radiation and decreased skin penetration of radiation which reduces the risk of DNA damage.