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Verteporfin

National Cancer Institute

Source

National Cancer Institute. *Verteporfin*. NCI Thesaurus. Code C1014.

A synthetic light-activated agent with photodynamic activity. Upon systemic administration, verteporfin accumulates in neovessels in the eye and, once stimulated by nonthermal red light in the presence of oxygen, produces highly reactive short-lived singlet oxygen and other reactive oxygen radicals, resulting in local damage to neovascular endothelium and blood vessel occlusion. (NCI04)