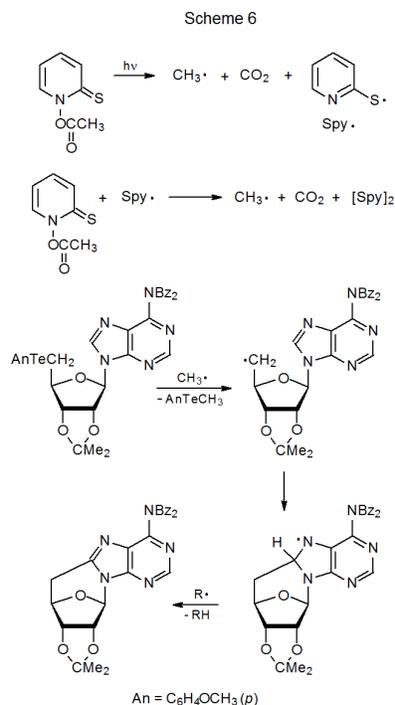


VI. Generating Methyl Radicals

Photolysis of acetylated *N*-hydroxypyridine-2-thione produces a methyl radical (Scheme 6).⁵² Methyl radicals generated in this way react with tellurium-containing nucleosides to generate the corresponding, carbon-centered radicals.⁵²⁻⁵⁶ In the reaction shown in Scheme 6, radical formation from photolysis of *O*-acetyl-*N*-hydroxypyridine-2-thione is the first step in producing a new ring system.⁵²



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