

Nitrosamines from *N,N*-Disubstituted Hydrazines

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Photolysis of nitro hydrazones (from *N,N*-disubstituted hydrazines and tetranitromethane) gave nitrosamines.

We report a preparation of nitrosamines (**4**) by photolysis of nitro hydrazones (**2**). This step completes the first general 'oxidation' of a hydrazine to a nitrosamine since each hydrazone (**2**) was obtained from the corresponding hydrazine and tetranitromethane.¹ In a typical example the dimethyl-

hydrazone (**2a**) in acetone was irradiated at 350 nm under argon for 72 h. Dimethylnitrosamine (**4a**) was isolated from an ethereal extraction of the reaction residue. Other nitrosamines were prepared by similar procedures (Table 1).²

The nitrosamine is presumably formed by initial cyclization

