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N-ethyl-N'-nitro-N-nitrosoguanidine

National Cancer Institute

Source

National Cancer Institute. *N-ethyl-N'-nitro-N-nitrosoguanidine*. NCI Thesaurus. Code C29828.

An alkyl nitrosoguanidine with carcinogenic properties. Used to induce cancer in experimental animal models, N-ethyl-N'-nitro-N-nitrosoguanidine ethylates DNA, resulting in single- and double-stranded DNA breaks and the inhibition of DNA replication. (NCI04)