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# Nitrosornicotine

National Cancer Institute

## Source

National Cancer Institute. *Nitrosornicotine*. NCI Thesaurus. Code C44414.

A yellow, oily liquid nitrosamine that solidifies at cold temperatures and emits toxic fumes of nitrogen oxides when heated to decomposition. Nitrosornicotine is found in tobacco products and is likely produced by the nitrosation of nicotine during the making and smoking of tobacco products. This substance is only used in research to induce tumors in experimental animals. Exposure to nitrosornicotine affects the liver and nitrosornicotine is reasonably anticipated to be a human carcinogen. (NCI05)