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Methyl Methanesulfonate

National Cancer Institute

Source

National Cancer Institute. *Methyl Methanesulfonate*. NCI Thesaurus. Code C44399.

A stable, colorless, combustible liquid that emits toxic fumes of sulfoxide when heated to decomposition. Methyl methanesulfonate is used for laboratory purposes as a catalyst in chemical synthesis and has been tested clinically as a cancer chemotherapeutic agent. This substance is an alkylating agent and acts as a mutagen by altering and damaging DNA and is reasonably anticipated to be a human carcinogen. (NCI05)