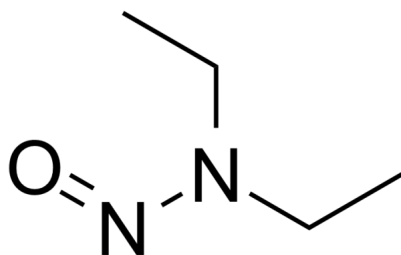


Data Sheet

Product Information

Catalog Number	BP13381
Product Name	N-Nitrosodiethylamine
Description	N-Nitrosodiethylamine is a potent hepatocarcinogenic dialkyl nitrosoamine. N-Nitrosodiethylamine is mainly present in water, tobacco smoke, cheddar cheese, cured, fried meals and many alcoholic beverages. N-Nitrosodiethylamine is responsible for the changes in the nuclear enzymes associated with DNA repair/replication. N-Nitrosodiethylamine results in various tumors in all animal species. The main target organs are the liver, nasal cavity, trachea, lung and esophagus.
In vivo	Mice with N-Nitrosodiethylamine (25mg/kg) intraperitoneally resulted in fatty liver disease leading to progress of cancer disease.
CAS No.	55-18-5
Chemical Formula	C ₄ H ₁₀ N ₂ O
Molecular Weight	102.137
Solubility	DMSO: 98 mg/mL (959.47 mM), Need ultrasonic H ₂ O: 98 mg/mL (959.47 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure
OR
Tested Image



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