

Nitroverbindungen

1 Aliphatische Nitroverbindungen

Nitroalkane

Nitroparaffine

Nitromethan	$\text{CH}_3\text{-NO}_2$	F.-29°C, Kp.101°C, D.1,132
Nitroethan	$\text{CH}_3\text{-CH}_2\text{-NO}_2$	F.-50°C, Kp.114°C, D.1,050
1-Nitropropan	$\text{CH}_3\text{-CH}_2\text{-CH}_2\text{-NO}_2$	F.-108°C, Kp.131°C, D.~1,00
2-Nitropropan	$\text{CH}_3\text{-CH}(\text{NO}_2)\text{-CH}_3$	F.-91°C, Kp.120°C, D.~0,99
1-Nitrobutan	$\text{CH}_3\text{-(CH}_2)_2\text{-CH}_2\text{-NO}_2$	F.-81°C, Kp.152°C, D.0,973
1-Nitropentan	$\text{CH}_3\text{-(CH}_2)_3\text{-CH}_2\text{-NO}_2$	D.0,952
1-Nitrohexan	$\text{CH}_3\text{-(CH}_2)_4\text{-CH}_2\text{-NO}_2$	D.0,940
1-Nitroheptan	$\text{CH}_3\text{-(CH}_2)_5\text{-CH}_2\text{-NO}_2$	
1-Nitrooctan	$\text{CH}_3\text{-(CH}_2)_6\text{-CH}_2\text{-NO}_2$	
2-Nitrooctan	$\text{CH}_3\text{-(CH}_2)_5\text{-CH}(\text{NO}_2)\text{-CH}_3$	

Tetranitromethan	$\text{C}(\text{NO}_2)_4$	F.13°C, Kp.125,7°C, D.1,637
Trinitromethan	$\text{CH}(\text{NO}_2)_3$	<i>Nitroform</i>

2-Methyl-2-nitro-propan	$\text{CH}_3\text{-C}(\text{CH}_3)(\text{NO}_2)\text{-CH}_3$	<i>Nitro-tert-butan</i>	Kp.126°C, D.0,950
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Nitroalkanole

2-Nitroethanol	$\text{O}_2\text{N-CH}_2\text{-CH}_2\text{-OH}$	F.-80°C,	D.~1,29
3-Nitro-propan-1-ol	$\text{O}_2\text{N-(CH}_2)_2\text{-CH}_2\text{-OH}$		D.~1,21
2-Nitro-propan-1-ol	$\text{CH}_3\text{-CH}(\text{NO}_2)\text{-CH}_2\text{-OH}$		D.1,185
3-Nitro-butan-2-ol	$\text{CH}_3\text{-CH}(\text{NO}_2)\text{-CH}(\text{OH})\text{-CH}_3$		D.1,1
3-Nitro-pentan-2-ol	$\text{CH}_3\text{-CH}_2\text{-CH}(\text{NO}_2)\text{-CH}(\text{OH})\text{-CH}_3$		D.1,075

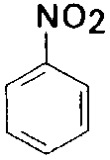
Nitroalkansäuren

Nitroethansäure	$\text{O}_2\text{N-CH}_2\text{-COOH}$		
3-Nitropropansäure	$\text{O}_2\text{N-CH}_2\text{-CH}_2\text{-COOH}$	F.69°C	
4-Nitrobutansäure	$\text{O}_2\text{N-CH}_2\text{-CH}_2\text{-CH}_2\text{-COOH}$		
5-Nitropentansäure	$\text{O}_2\text{N-CH}_2\text{-(CH}_2)_2\text{-CH}_2\text{-COOH}$		
6-Nitrohexansäure	$\text{O}_2\text{N-CH}_2\text{-(CH}_2)_3\text{-CH}_2\text{-COOH}$	F.21°C,	D.1,186

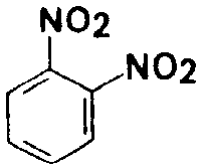
Sonstige aliphatische Nitroverbindungen

Ethylnitrat	$\text{CH}_3\text{-CH}_2\text{-O-NO}_2$	F.-102°C, Kp.87,7°C, D.1,05	
Nitro-trichlormethan	$\text{CCl}_3\text{-NO}_2$	<i>Chlorpikrin</i>	F.-69,2°C, Kp.112°C, D.1,658

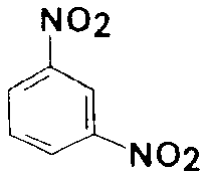
Aromatische Nitroverbindungen



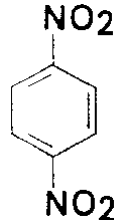
Nitrobenzen
F.5,7°C, Kp.211°C



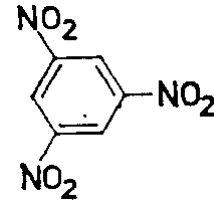
1,2-Dinitrobenzen
o-Dinitrobenzol
F.118°C, Kp.319°C



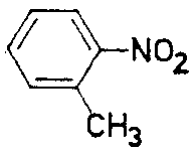
1,3-Dinitrobenzen
m-Dinitrobenzol
F.90°C, Kp.303°C



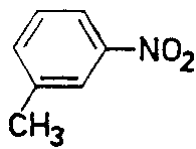
1,4-Dinitrobenzen
p-Dinitrobenzol
F.174°C, Kp.299°C



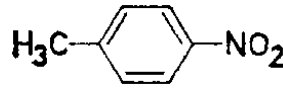
1,3,5-Trinitrobenzen
F.122°C



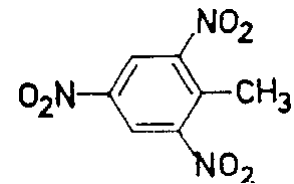
1-Methyl-2-nitro-benzen
2-Nitrotoluen
F.-3,2°C, Kp.222°C



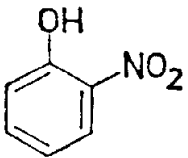
1-Methyl-3-nitro-benzen
3-Nitrotoluen
F.16°C, Kp. 232°C



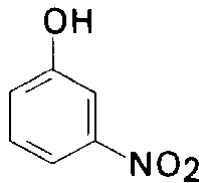
1-Methyl-4-nitro-benzen
4-Nitrotoluen
F.52°C, Kp.238°C



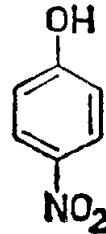
1-Methyl-2,4,6-trinitrobenzen
2,4,6-Trinitrotoluol ; TNT
F.80°C



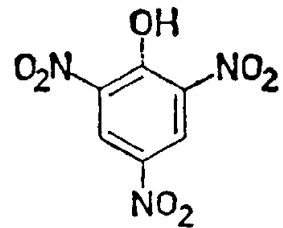
1-Hydroxy-2-nitrobenzen
2-Nitrophenol
F.45°C, Kp.214°C



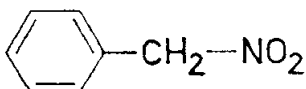
1-Hydroxy-3-nitrobenzen
3-Nitrophenol
F.95°C, LW.30(40°C)



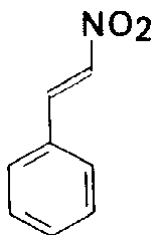
1-Hydroxy-4-nitrobenzen
4-Nitrophenol
F.112°C, Z.279°C



1-Hydroxy-2,4,6-trinitrobenzen
Pikrinsäure
F.122°C



Phenylnitromethan



1-Nitro-2-phenyl-ethen
β-Nitrostyrol
F.55°C, Z.250°C