
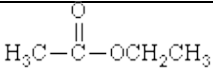
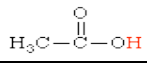

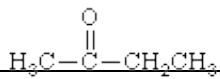
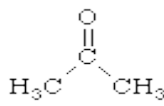
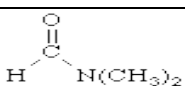
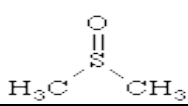
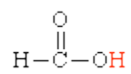
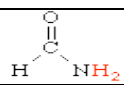


### Properties of Common Solvents

Name	Structure	bp, °C	Dipole moment	Dielectric constant
Hexane	$\text{CH}_3(\text{CH}_2)_4\text{CH}_3$	69	---	2.02
Carbon tetrachloride	$\text{CCl}_4$	76	0	2.24
Benzene		80	0	2.28
Diethyl ether	$\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_3$	35	1.15	4.34
Ethyl acetate		78	1.78	6.02
Acetic acid		118	1.74	6.15
Tetrahydrofuran (THF)		66	1.63	7.52
Methylene chloride	$\text{CH}_2\text{Cl}_2$	40	1.6	9.08
1-Butanol	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{-OH}$	118	1.66	17.8
Methyl ethyl ketone		80	2.78	18.5
1-Propanol	$\text{CH}_3\text{CH}_2\text{CH}_2\text{-OH}$	97	1.68	20.1
Acetone		56	2.88	20.7
ethanol	$\text{CH}_3\text{CH}_2\text{-OH}$	78	1.69	24.3
Methanol	$\text{CH}_3\text{-OH}$	68	1.7	33
Acetonitrile	$\text{H}_3\text{C-C}\equiv\text{N}$	81	3.92	36.6
N,N-Dimethylformamide (DMF)		153	3.82	38.3
Dimethyl sulfoxide (DMSO)		189	3.96	47.2
Formic acid		100	1.41	58
Water	$\text{H-OH}$	100	1.85	80
Formamide		210	3.73	109