

Appendix IV - 1

September 2024

Appendix IV: Melting points, boiling points and uv cut-off wavelengths of some common solvents:

compound	mp °C	bp °C	uv cut-off (nm)
acetone	-94	57	330
acetonitrile	-45	82	210
benzene	5	80	280
carbon tetrachloride	-23	77	265
chloroform	-64	62	245
cyclohexane	6	81	210
dichloromethane	-95	40	235
diethyl ether	-116	35	210
dimethylformamide	-61	153	270
dimethylsulphoxide	18	189	-
ethanol	<-130	79	210
hexane	-95	69	200
methanol	-98	65	215
nitrobenzene	6	211	-
nitromethane	-29	101	380
2-propanol	-86	83	215
pyridine	-42	116	305
tetrahydrofuran	-109	66	-
toluene	-95	111	285
water	0	100	210