

Aldrich Solvents FT-IR Spectral Library

Index of Compounds

<u>No.</u>	<u>Compound Description</u>	<u>No.</u>	<u>Compound Description</u>
Liquid Phase Solvents			
1	Acetic acid 64-19-7 10,908-8 C2 H4 O2	48	Ethyl acetate 141-78-6 15,485-7 C4 H8 O2
2	Acetic acid-d4 1186-52-3 23,331-5 C2 D4 O2	49	Ethyl alcohol 64-17-5 18,738-0 C2 H6 O1
3	Acetone 67-64-1 15,459-8 C3 H6 O1	50	Ethylbenzene 100-41-4 E1,250-8 C8 H10
4	Acetone-d6 666-52-4 15,179-3 C3 D6 O1	51	Ethylbenzene-d10 25837-05-2 17,665-6 C8 D10
5	Acetonitrile 75-05-8 11,008-6 C2 H3 N1	52	Ethylene glycol 107-21-1 10,246-6 C2 H6 O2
6	Acetonitrile-d3 2206-26-0 23,332-3 C2 D3 N1	53	Ethylene glycol diacetate 111-55-7 17,802-0 C6 H10 O4
7	Anisole 100-66-3 12,322-6 C7 H8 O1	54	Ethylene glycol diethyl ether 629-14-1 22,411-1 C6 H14 O2
8	Benzene 71-43-2 15,462-8 C6 H6	55	Ethylene glycol dimethyl ether 110-71-4 E2,740-8 C4 H10 O2
9	Benzene-d6 1076-43-3 17,587-0 C6 D6	56	Ethyl formate 109-94-4 11,268-2 C3 H6 O2
10	Benzonitrile 100-47-0 15,463-6 C7 H5 N1	57	Fluorotrichloromethane 75-69-4 25,499-1 C1 CL3 F1
11	Bromobenzene 108-86-1 B5,770-2 C6 H5 BR1	58	Formamide 75-12-7 22,119-8 C1 H3 N1 O1
12	Bromobenzene-d5 4165-57-5 17,573-0 C6 BR1 D5	59	Formic acid 64-18-6 25,136-4 C1 H2 O2
13	1-Butanol 71-36-3 15,467-9 C4 H10 O1	60	Glycerol 56-81-5 19,161-2 C3 H8 O3
14	2-Butanol 15892-23-6 B8,591-9 C4 H10 O1	61	Heptane 142-82-5 15,487-3 C7 H16
15	2-Butanone 78-93-3 23,029-4 C4 H8 O1	62	Hexachloro-1,3-butadiene 87-68-3 11,219-4 C4 CL6
16	2-Butoxyethanol 111-76-2 25,636-6 C6 H14 O2	63	Hexadecane 544-76-3 H670-3 C16 H34
17	Butyl acetate 123-86-4 15,466-0 C6 H12 O2	64	Hexamethylphosphoramide 680-31-9 H1,160-2 C6 H18 N3 O1 P1
18	Butyl ether 142-96-1 11,028-0 C8 H18 O1	65	Hexane 110-54-3 13,938-6 C6 H14
19	Carbon disulfide 75-15-0 15,470-9 C1 S2	66	Hexanes 73513-42-5 15,617-5 C6 H14
20	Carbon tetrachloride 56-23-5 10,734-4 C1 CL4	67	2-Hydroxyethyl ether 111-46-6 H2,645-6 C4 H10 O3
21	Chlorobenzene 108-90-7 24,282-9 C6 H5 CL1	68	Isopropyl ether 108-20-3 18,530-2 C6 H14 O1
22	Chlorobenzene-d5 3114-55-4 17,660-5 C6 CL1 D5	69	2-Methoxyethanol 109-86-4 15,620-5 C3 H8 O2
23	1-Chlorobutane 109-69-3 12,500-8 C4 H9 CL1	70	2-(2-Methoxyethoxy)ethanol 111-77-3 10,990-8 C5 H12 O3
24	Chloroform 67-66-3 13,295-0 C1 H1 CL3	71	2-Methoxyethyl ether 111-96-6 M1,410-2 C6 H14 O3
25	Chloroform-d1 865-49-6 15,185-8 C1 CL3 D1	72	Methyl acetate 79-20-9 18,632-5 C3 H6 O2
26	Cyclohexane 110-82-7 15,474-1 C6 H12	73	Methyl alcohol 67-56-1 15,490-3 C1 H4 O1
27	Cyclohexane-d12 1735-17-7 15,186-6 C6 D12	74	Methyl alcohol-d4 811-98-3 19,416-6 C1 D4 O1
28	Cyclopentane 287-92-3 15,476-8 C5 H10	75	2-Methylbutane 78-78-4 15,491-1 C5 H12
29	Decahydronaphthalene 91-17-8 18,582-5 C10 H18	76	3-Methyl-2-butanone 598-75-4 11,094-9 C5 H12 O1
30	Decahydronaphthalene-d18 28788-42-3 21,713-1 C10 D18	77	Methylcyclohexane 108-87-2 M3,788-9 C7 H14
31	Decane 124-18-5 D90-1 C10 H22	78	N-Methylformamide 123-39-7 M4,670-5 C2 H5 N1 O1
32	1,2-Dichlorobenzene 95-50-1 24,276-4 C6 H4 CL2	79	Methyl formate 107-31-3 M4,683-7 C2 H4 O2
33	1,2-Dichloroethane 107-06-2 15,478-4 C2 H4 CL2	80	4-Methyl-2-pentanone 108-10-1 24,289-6 C6 H12 O1
34	Dichloromethane 75-09-2 15,479-2 C1 H2 CL2	81	2-Methyl-1-propanol 78-83-1 13,308-6 C4 H10 O1
35	Dichloromethane-d2 1665-00-5 23,336-6 C1 CL2 D2	82	2-Methyl-2-propanol 75-65-0 B8,592-7 C4 H10 O1
36	Dimethoxymethane 109-87-5 D13,465-1 C3 H8 O2	83	2-Methyl-2-propanol-d10 53001-22-2 17,588-9 C4 D10 O1
37	N,N-Dimethylacetamide 127-19-5 15,480-6 C4 H9 N1 O1	84	1-Methyl-2-pyrrolidinone 872-50-4 24,279-9 C5 H9 N1 O1
38	N,N-Dimethylformamide 68-12-2 15,481-4 C3 H7 N1 O1	85	Methyl sulfide 75-18-3 M8,163-2 C2 H6 S1
39	N,N-Dimethylformamide-d7 4472-41-7 18,997-9 C3 D7 N1 O1	86	Methyl sulfide-d6 926-09-0 21,607-0 C2 D6 S1
40	1,4-Dioxane 123-91-1 15,482-2 C4 H8 O2	87	Methyl sulfoxide 67-68-5 15,493-8 C2 H6 O1 S1
41	1,4-Dioxane-d8 17647-74-4 18,640-6 C4 D8 O2	88	Methyl sulfoxide-d6 2206-27-1 15,691-4 C2 D6 O1 S1
42	1,3-Dioxolane 646-06-0 18,449-7 C3 H6 O2	89	Nitrobenzene 98-95-3 25,237-9 C6 H5 N1 O2
43	Dodecane 112-40-3 D22,110-4 C12 H26		
44	Ether 60-29-7 17,926-4 C4 H10 O1		
45	2-Ethoxyethanol 110-80-5 25,637-4 C4 H10 O2		
46	2-(2-Ethoxyethoxy)ethanol 111-90-0 E455-0 C6 H14 O3		
47	2-Ethoxyethyl ether 112-36-7 E465-8 C8 H18 O3		

No.	Compound Description
90	Nitrobenzene-d5 4165-60-0 15,195-5 C6 D5 N1 O2
91	Nitromethane 75-52-5 10,817-0 C1 H3 N1 O2
92	Nitromethane-d3 13031-32-8 15,196-3 C1 D3 N1 O2
93	Nonane 111-84-2 N2,940-6 C9 H20
94	Octane 111-65-9 O325-7 C8 H18
95	Octane-d18 17252-77-6 15,197-1 C8 D18
96	1-Octanol 111-87-5 11,261-5 C8 H18 O1
97	Pentane 109-66-0 15,495-4 C5 H12
98	3-Pentanone 96-22-0 24,304-3 C5 H10 O1
99	Petroleum ether 8032-32-4 18,451-9
100	1-Propanol 71-23-8 11,003-5 C3 H8 O1
101	2-Propanol 67-63-0 10,982-7 C3 H8 O1
102	2-Propanol-d8 22739-76-0 17,589-7 C3 D8 O1
103	Pyridine 110-86-1 18,452-7 C5 H5 N1
104	Pyridine-d5 7291-22-7 17,797-0 C5 D5 N1
105	Quinoline 91-22-5 24,157-1 C9 H7 N1
106	Tetrachloroethylene 127-18-4 15,499-7 C2 CL4
107	Tetraethylene glycol dimethyl ether 143-24-8 17,240-5 C10 H22 O5
108	Tetrahydrofuran 109-99-9 24,288-8 C4 H8 O1
109	Tetrahydrofuran-d8 1693-74-9 18,431-4 C4 D8 O1
110	Tetrahydropyran 142-68-7 T1,440-0 C5 H10 O1
111	Tetramethylene sulfone 126-33-0 T2,220-9 C4 H8 O2 S1
112	Toluene 108-88-3 15,500-4 C7 H8
113	Toluene-d8 2037-26-5 23,338-2 C7 D8
114	1,2,4-Trichlorobenzene 120-82-1 13,204-7 C6 H3 CL3
115	1,1,1-Trichloroethane 71-55-6 23,557-1 C2 H3 CL3
116	Trichloroethylene 79-01-6 13,312-4 C2 H1 CL3
117	1,1,2-Trichlorotrifluoroethane 76-13-1 17,282-0 C2 CL3 F3
118	Triethylene glycol 112-27-6 T5,945-5 C6 H14 O4
119	Triethylene glycol dimethyl ether 112-49-2 T5,980-3 C8 H18 O4
120	Trifluoroacetic acid 76-05-1 T6,220-0 C2 H1 F3 O2
121	Trifluoroacetic acid-d1 599-00-8 15,200-5 C2 D1 F3 O2
122	2,2,4-Trimethylpentane 540-84-1 15,501-2 C8 H18
123	Water 7732-18-5 19,529-4 H2 O1
124	o-Xylene 95-47-6 X104-0 C8 H10
125	m-Xylene 108-38-3 18,556-6 C8 H10
126	p-Xylene 106-42-3 13,444-9 C8 H10
127	p-Xylene-d10 41051-88-1 17,592-7 C8 D10

Vapor Phase Solvents

128	Acetic acid 64-19-7 C2 H4 O2
129	Acetic acid-d4 1186-52-3 23,330-7 C2 D4 O2
130	Acetone 67-64-1 15,459-8 C3 H6 O1
131	Acetonitrile 75-05-8 15,460-1 C2 H3 N1
132	Acetonitrile-d3 2206-26-0 15,180-7 C2 D3 N1
133	Anisole 100-66-3 C7 H8 O1
134	Benzene 71-43-2 15,462-8 C6 H6
135	Benzene-d6 1076-43-3 17,587-0 C6 D6
136	Benzonitrile 100-47-0 15,463-6 C7 H5 N1
137	Bromobenzene 108-86-1 B5,770-2 C6 H5 BR1
138	Bromobenzene-d5 4165-57-5 17,573-0 C6 BR1 D5
139	1-Butanol 71-36-3 B8,590-0 C4 H10 O1
140	1-Butanol-d10 34193-38-9 30,299-6 C4 D10 O1
141	2-Butanol 15892-23-6 24,056-7 C4 H10 O1

No.	Compound Description
142	2-Butanone 78-93-3 11,026-4 C4 H8 O1
143	2-Butoxyethanol 111-76-2 25,636-6 C6 H14 O2
144	Butyl acetate 123-86-4 15,466-0 C6 H12 O2
145	Butyl ether 142-96-1 11,028-0 C8 H18 O1
146	t-Butyl methyl ether 1634-04-4 17,978-7 C5 H12 O1
147	Carbon disulfide 75-15-0 15,470-9 C1 S2
148	Chlorobenzene 108-90-7 10,138-9 C6 H5 CL1
149	Chlorobenzene-d5 3114-55-4 17,660-5 C6 CL1 D5
150	1-Chlorobutane 109-69-3 12,500-8 C4 H9 CL1
151	Chloroform 67-66-3 15,473-3 C1 H1 CL3
152	Chloroform-d1 865-49-6 15,185-8 C1 CL3 D1
153	Cyclohexane 110-82-7 15,474-1 C6 H12
154	Cyclohexane-d12 1735-17-7 15,186-6 C6 D12
155	Cyclopentane 287-92-3 15,476-8 C5 H10
156	Decahydronaphthalene 91-17-8 18,582-5 C10 H18
157	Decahydronaphthalene-d18 28788-42-3 21,713-1 C10 D18
158	Decane 124-18-5 D90-1 C10 H22
159	1,2-Dichlorobenzene 95-50-1 D5,680-2 C6 H4 CL2
160	1,2-Dichloroethane 107-06-2 15,478-4 C2 H4 CL2
161	Dichloromethane 75-09-2 15,479-2 C1 H2 CL2
162	Dichloromethane-d2 1665-00-5 17,786-5 C1 CL2 D2
163	Dimethoxymethane 109-87-5 D13,465-1 C3 H8 O2
164	N,N-Dimethylacetamide 127-19-5 D13,751-0 C4 H9 N1 O1
165	N,N-Dimethylformamide 68-12-2 15,481-4 C3 H7 N1 O1
166	N,N-Dimethylformamide-d7 4472-41-7 18,997-9 C3 D7 N1 O1
167	1,4-Dioxane 123-91-1 15,482-2 C4 H8 O2
168	1,4-Dioxane-d8 17647-74-4 18,640-6 C4 D8 O2
169	1,3-Dioxane 646-06-0 23,979-8 C3 H6 O2
170	Dodecane 112-40-3 D22,110-4 C12 H26
171	Ether 60-29-7 17,926-4 C4 H10 O1
172	2-Ethoxyethanol 110-80-5 12,808-2 C4 H10 O2
173	2-(2-Ethoxyethoxy)ethanol 111-90-0 E455-0 C6 H14 O3
174	2-Ethoxyethyl ether 112-36-7 E465-8 C8 H18 O3
175	Ethyl acetate 141-78-6 15,485-7 C4 H8 O2
176	Ethyl alcohol 64-17-5 18,738-0 C2 H6 O1
177	Ethyl alcohol-d6 1516-08-1 18,641-4 C2 D6 O1
178	Ethylbenzene 100-41-4 E1,250-8 C8 H10
179	Ethylene glycol 107-21-1 10,246-6 C2 H6 O2
180	Ethylene glycol diacetate 111-55-7 17,802-0 C6 H10 O4
181	Ethylene glycol diethyl ether 629-14-1 22,411-1 C6 H14 O2
182	Ethylene glycol dimethyl ether 110-71-4 25,638-2 C4 H10 O2
183	Ethyl formate 109-94-4 11,268-2 C3 H6 O2
184	Fluorotrichloromethane 75-69-4 25,499-1 C1 CL3 F1
185	Formamide 75-12-7 C1 H3 N1 O1
186	Formic acid 64-18-6 C1 H2 O2
187	Glycerol 56-81-5 C3 H8 O3
188	Heptane 142-82-5 15,487-3 C7 H16
189	Heptane-d16 33838-52-7 30,301-1 C7 D16
190	Hexachloro-1,3-butadiene 87-68-3 11,219-4 C4 CL6

<u>No.</u>	<u>Compound Description</u>
191	Hexadecane 544-76-3 H670-3 C16 H34
192	Hexane 110-54-3 13,938-6 C6 H14
193	Hexane-d14 21666-38-6 30,300-3 C6 D14
194	Hexanes 73513-42-5 17,891-8 C6 H14
195	2-Hydroxyethyl ether 111-46-6 H2,645-6 C4 H10 O3
196	Isopropyl ether 108-20-3 18,530-2 C6 H14 O1
197	2-Methoxyethanol 109-86-4 15,620-5 C3 H8 O2
198	2-(2-Methoxyethoxy)ethanol 111-77-3 10,990-8 C5 H12 O3
199	2-Methoxyethyl ether 111-96-6 M1,410-2 C6 H14 O3
200	Methyl acetate 79-20-9 18,632-5 C3 H6 O2
201	Methyl alcohol 67-56-1 15,490-3 C1 H4 O1
202	Methyl alcohol-d4 811-98-3 15,194-7 C1 D4 O1
203	2-Methylbutane 78-78-4 M3,263-1 C5 H12
204	3-Methyl-2-butanone 563-80-4 23,861-9 C5 H10 O1
205	Methylcyclohexane 108-87-2 M3,788-9 C7 H14
206	Methyl formate 107-31-3 25,970-5 C2 H4 O2
207	4-Methyl-2-pentanone 108-10-1 M6,710-9 C6 H12 O1
208	2-Methyl-1-propanol 78-83-1 15,468-7 C4 H10 O1
209	2-Methyl-2-propanol-d10 53001-22-2 17,588-9 C4 D10 O1
210	1-Methyl-2-pyrrolidinone 872-50-4 24,279-9 C5 H9 N1 O1
211	Methyl sulfide 75-18-3 M8,163-2 C2 H6 S1
212	Methyl sulfoxide 67-68-5 M8,180-2 C2 H6 O1 S1
213	Nitrobenzene 98-95-3 25,237-9 C6 H5 N1 O2
214	Nitromethane 75-52-5 23,073-1 C1 H3 N1 O2
215	Nitromethane-d3 13031-32-8 15,196-3 C1 D3 N1 O2
216	Nonane 111-84-2 N2,940-6 C9 H20
217	Octane 111-65-9 O325-7 C8 H18

<u>No.</u>	<u>Compound Description</u>
218	1-Octanol 111-87-5 11,261-5 C8 H18 O1
219	Pentane 109-66-0 15,495-4 C5 H12
220	3-Pentanone 96-22-0 12,760-4 C5 H10 O1
221	Petroleum ether 8032-32-4 18,451-9
222	1-Propanol 71-23-8 11,003-5 C3 H8 O1
223	2-Propanol 67-63-0 15,497-0 C3 H8 O1
224	2-Propanol-d8 22739-76-0 17,589-7 C3 D8 O1
225	Pyridine 110-86-1 P5,750-6 C5 H5 N1
226	Quinoline 91-22-5 24,157-1 C9 H7 N1
227	Tetrachloroethylene 127-18-4 15,499-7 C2 CL4
228	Tetraethylene glycol dimethyl ether 143-24-8 17,240-5 C10 H22 O5
229	Tetrahydrofuran 109-99-9 17,881-0 C4 H8 O1
230	Tetrahydrofuran-d8 1693-74-9 18,431-4 C4 D8 O1
231	Tetrahydropyran 142-68-7 T1,440-0 C5 H10 O1
232	Tetramethylene sulfone 126-33-0 T2,220-9 C4 H8 O2 S1
233	Toluene 108-88-3 17,996-5 C7 H8
234	Toluene-d8 2037-26-5 15,199-8 C7 D8
235	1,2,4-Trichlorobenzene 120-82-1 13,204-7 C6 H3 CL3
236	1,1,1-Trichloroethane 71-55-6 23,557-1 C2 H3 CL3
237	Trichloroethylene 79-01-6 13,312-4 C2 H1 CL3
238	1,1,2-Trichlorotrifluoroethane 76-13-1 17,282-0 C2 CL3 F3
239	Triethylene glycol 112-27-6 T5,945-5 C6 H14 O4
240	Trifluoroacetic acid 76-05-1 C2 H1 F3 O2
241	2,2,4-Trimethylpentane 540-84-1 15,501-2 C8 H18
242	Water 7732-18-5 19,529-4 H2 O1
243	o-Xylene 95-47-6 X104-0 C8 H10
244	m-Xylene 108-38-3 18,556-6 C8 H10
245	p-Xylene 106-42-3 29,633-3 C8 H10
246	p-Xylene-d10 41051-88-1 17,592-7 C8 D10