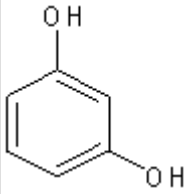
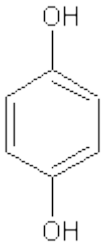
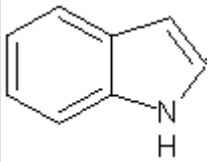
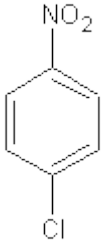
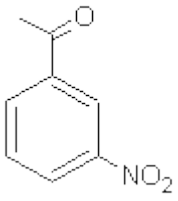
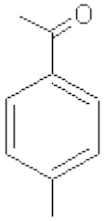
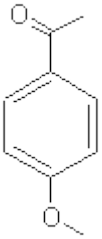
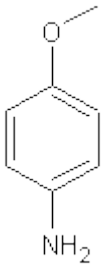
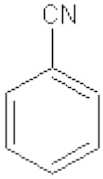
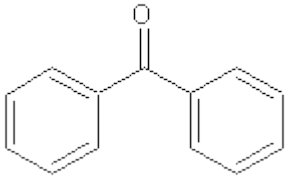
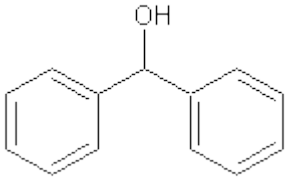
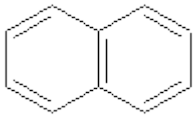
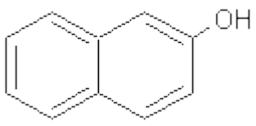
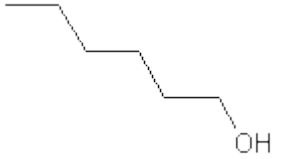
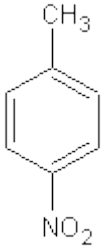
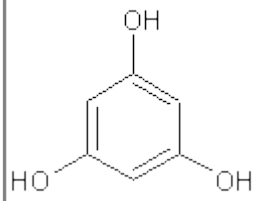
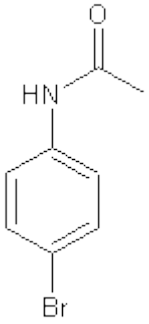
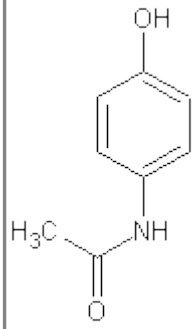
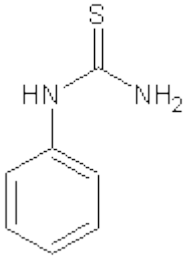
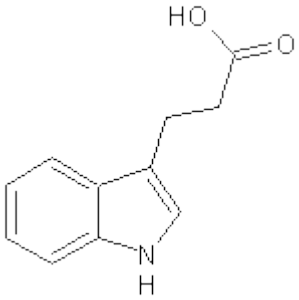
Analysengemische

Nr	Komponente 1	Komponente 2	Rf1	Rf2	Laufmittel	NMR-Nr.
1	Resorcin	Hexan-1-ol	0,44	0,67	Cyclo 2:1 EE	1, 14
2	Resorcin	Indol	0,44	0,72	Cyclo 2:1 EE	1, 2
3	Resorcin	Naphtalin	0,44	0,82	Cyclo 2:1 EE	1, 13
4	p-Anisidin	3-Nitro-Acetophenon	0,34	0,59	Cyclo 2:1 EE	11, 3
5	p-Anisidin	4-Methoxy-Acetophenon	0,34	0,55	Cyclo 2:1 EE	11, 4
6	p-Anisidin	Benzonitril	0,34	0,73	Cyclo 2:1 EE	11, 5
7	Hydrochinon	Benzhydrol	0,35	0,63	Cyclo 2:1 EE	8, 6
8	Hydrochinon	2-Naphtol	0,35	0,66	Cyclo 2:1 EE	8, 7
9	Hydrochinon	Benzophenon	0,35	0,71	Cyclo 2:1 EE	8, 12
10	4-Acetaminophenol	3-Nitroacetophenon	0,22	0,77	Cyclo 1:2 EE	21, 3
11	Indol	Naphtalin	0,35	0,79	Cyclo 5:1 EE	2, 13
12	Indol	Benzonitril	0,35	0,69	Cyclo 5:1 EE	2, 5
13	Indol	4-Methyl-Acetophenon	0,35	0,55	Cyclo 5:1 EE	2, 10
14	Benzhydrol	4-Chlor-Nitrobenzol	0,25	0,60	Cyclo 5:1 EE	6, 9
15	Benzhydrol	Naphtalin	0,25	0,79	Cyclo 5:1 EE	6, 13
16	Benzhydrol	Benzonitril	0,25	0,69	Cyclo 5:1 EE	6, 5
17	Benzhydrol	4-Methyl-Acetophenon	0,25	0,55	Cyclo 5:1 EE	6, 10
18	2-Naphtol	4-Chlor-Nitrobenzol	0,24	0,60	Cyclo 5:1 EE	7, 9
19	2-Naphtol	Naphtalin	0,24	0,79	Cyclo 5:1 EE	7, 13
20	2-Naphtol	Benzonitril	0,24	0,69	Cyclo 5:1 EE	7, 5
21	2-Naphtol	4-Methyl-Acetophenon	0,24	0,55	Cyclo 5:1 EE	7, 10
22	4-Bromacetanilid	Resorcin	0,31	0,56	Cyclo 1:1 EE	16, 1
23	4-Bromacetanilid	Benzhydrol	0,31	0,73	Cyclo 1:1 EE	16, 6
24	4-Bromacetanilid	2-Naphtol	0,31	0,69	Cyclo 1:1 EE	16, 7
25	4-Bromacetanilid	Hexan-1-ol	0,31	0,70	Cyclo 1:1 EE	16, 14
26	4-Bromacetanilid	3-Nitroacetophenol	0,31	0,65	Cyclo 1:1 EE	16, 3
27	4-Bromacetanilid	Benzonitril	0,31	0,77	Cyclo 1:1 EE	16, 5
28	N-Phenylthio-harnstoff	Resorcin	0,30	0,56	Cyclo 1:1 EE	17, 1
29	N-Phenylthio-harnstoff	Benzhydrol	0,31	0,73	Cyclo 1:1 EE	17, 6
30	N-Phenylthio-harnstoff	2-Naphtol	0,31	0,69	Cyclo 1:1 EE	17, 7

31	N-Phenylthio-harnstoff	Hexan-1-ol	0,31	0,70	Cyclo 1:1 EE	17, 14
32	N-Phenylthio-harnstoff	3-Nitroacetophenon	0,31	0,65	Cyclo 1:1 EE	17, 3
33	N-Phenylthio-harnstoff	Benzonitril	0,31	0,77	Cyclo 1:1 EE	17, 5
34	3-Indol-Propionsäure	Benzhydrol	0,38	0,73	Cyclo 1:1 EE	18, 6
35	3-Indol-Propionsäure	2-Naphtol	0,38	0,69	Cyclo 1:1 EE	18, 7
36	3-Indol-Propionsäure	Hexan-1-ol	0,38	0,70	Cyclo 1:1 EE	18, 14
37	3-Indol-Propionsäure	3-Nitroacetophenon	0,38	0,65	Cyclo 1:1 EE	18, 3
38	3-Indol-Propionsäure	Benzonitril	0,38	0,77	Cyclo 1:1 EE	18, 5
39	Phloroglucin	Resorcin	0,30	0,56	Cyclo 1:1 EE	20, 1
40	Phloroglucin	Benzhydrol	0,30	0,73	Cyclo 1:1 EE	20, 6
41	Phloroglucin	2-Naphtol	0,30	0,69	Cyclo 1:1 EE	20, 7
42	Phloroglucin	Hexan-1-ol	0,30	0,70	Cyclo 1:1 EE	20, 14
43	Phloroglucin	3-Nitroacetophenon	0,30	0,65	Cyclo 1:1 EE	20, 3
44	Phloroglucin	Benzonitril	0,30	0,77	Cyclo 1:1 EE	20, 5
45	Phenacetin	Resorcin	0,36	0,68	Cyclo 1:2 EE	19, 1
46	Phenacetin	p-Anisidin	0,36	0,58	Cyclo 1:2 EE	19, 11
47	Phenacetin	Hydrochinon	0,36	0,62	Cyclo 1:2 EE	19, 8
48	Phenacetin	Hexan-1-ol	0,36	0,74	Cyclo 1:2 EE	19, 14
49	Phenacetin	3-Nitroacetophenon	0,36	0,77	Cyclo 1:2 EE	19, 3
50	4-Acetamino-phenol	Resorcin	0,22	0,68	Cyclo 1:2 EE	21, 1
51	4-Acetamino-phenol	p-Anisidin	0,22	0,58	Cyclo 1:2 EE	21, 11
52	4-Acetamino-phenol	Hydrochinon	0,22	0,62	Cyclo 1:2 EE	21, 8
53	4-Acetamino-phenol	Hexan-1-ol	0,22	0,74	Cyclo 1:2 EE	21, 14
54	4-Acetamino-phenol	3-Nitroacetophenon	0,22	0,77	Cyclo 1:2 EE	21, 3

Analysensubstanzen im Praktikumsbestand

Nr	Bezeichnung	Strukturformel	Nr	Bezeichnung	Strukturformel
1	Resorcin 110 g/mol MP: 110 °C		8	Hydrochinon 110 g/mol MP: 170 °C	
2	Indol 117 g/mol MP: 52 °C		9	4-Chlor-Nitrobenzol 157 g/mol MP: 83 °C	
3	3-Nitro-Acetophenon 165 g/mol MP: 202 °C		10	4-Methyl-Acetophenon 134 g/mol MP: 224 °C	
4	4-Methoxy-Acetophenon 150 g/mol MP: 37°C		11	P-Anisidin 123 g/mol MP: 57 °C	
5	Benzonitril 103 g/mol BP: 190 °C		12	Benzophenon 182 g/mol MP: 48 °C	
6	Benzhydrol 182 g/mol MP: 67 °C		13	Naphtalin 128 g/mol MP: 80 °C	
7	2-Naphtol 144 g/mol MP: 121 °C		14	Hexan-1-ol 102 g/mol MP: 154 °C	

Nr	Bezeichnung	Strukturformel	Nr	Bezeichnung	Strukturformel
15	4-Nitro-Toluol 137 °C MP: 53 °C		20	Phloroglucin 126 g/mol MP: 218 °C	
16	4-Bromacetanilid 214 g/mol MP: 167 °C		21	4-Acetaminophenol 151 g/mol MP: 166 °C	
17	N-Phenylthioharnstoff 152 g/mol MP: 152 °C				
18	3-Indolpropionsäure 189 g/mol MP: 135 °C				
19	Phenacetin 179 g/mol MP: 134 °C