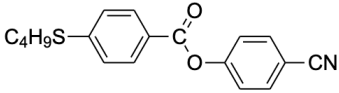
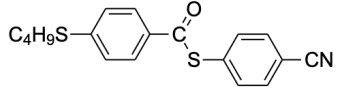
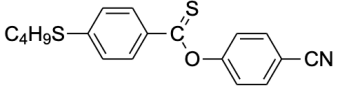
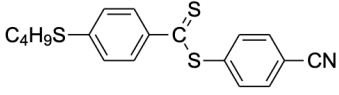
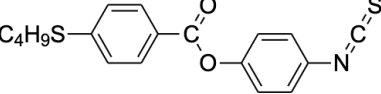
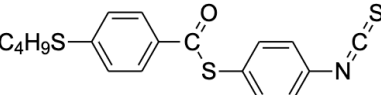
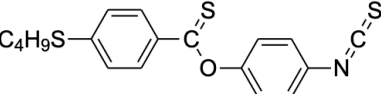
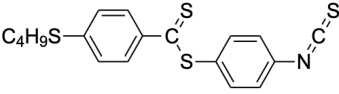
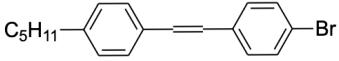
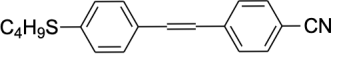
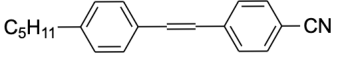
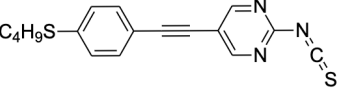
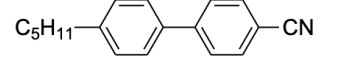
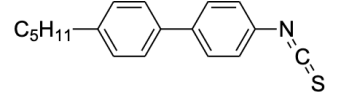
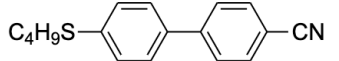
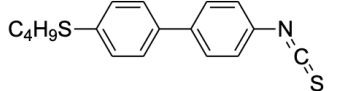


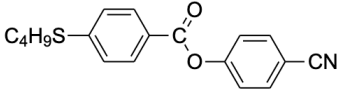
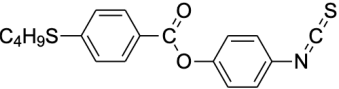
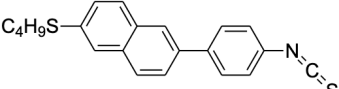
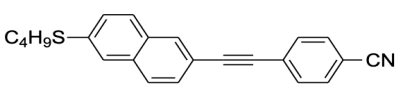
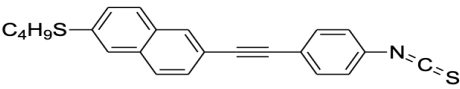
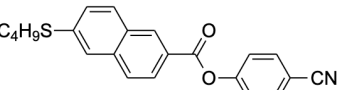
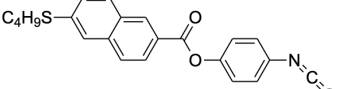
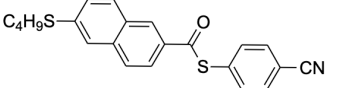
Name	Structure	ne	no	Reference
4-Cyanophenyl 4-(butylthio)benzoate		1.7977	1.5394	J. Mater. Chem., 1995, 5, 1 https://doi.org/10.1039/JM9950500001
S-(4-Cyanophenyl) 4-(butylthio)benzothioate		1.8582	1.5595	
O-(4-Cyanophenyl) 4-(butylthio)benzothioate		1.8884	1.5943	
4-Cyanophenyl 4-(butylthio)benzodithioate		1.9574	1.5581	
4-Isothiocyanatophenyl 4-(butylthio)benzoate		1.8714	1.5481	
S-(4-Isothiocyanatophenyl) 4-(butylthio)benzothioate		1.94	1.5744	
O-(4-Isothiocyanatophenyl) 4-(butylthio)benzothioate		1.9828	1.6108	
4-Isothiocyanatophenyl 4-(butylthio)benzodithioate		2.0286	1.618	

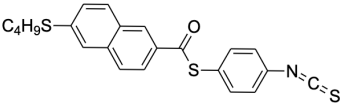
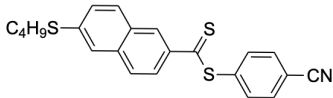
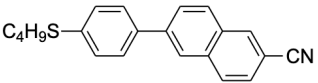
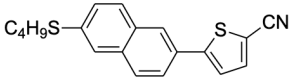
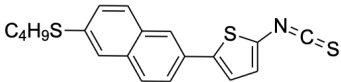
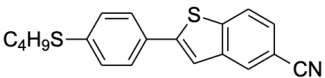
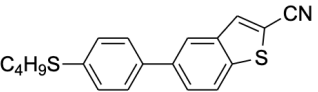
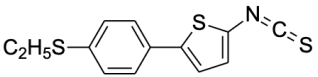
Name	Structure	ne	no	Reference
4-(5-Butylsulfanyltien-2-y1)benzonitrile		1.8895	1.5889	
2-(4-Butylsulfanylphenyl)-5-cyanothiophene		1.9181	1.5783	
2-(4-Butylsulfanylphenyl)-4-cyanothiophene		1.8877	1.5881	
3-(4-Butylsulfanylphenyl)-5-cyanothiophene		1.8651	1.5977	
4-Butylsulfanyl-4'-cyanobiphenyl		1.862	1.5586	
5-Butylsulfanyl-5'-cyano-2,2'-dithienyl		1.9001	1.6115	
4-Butylsulfanyl-4'-cyano-3-fluorobiphenyl		1.847	1.5587	
4-Butylsulfanyl-4'-cyano-2-fluorobiphenyl		1.8454	1.5597	

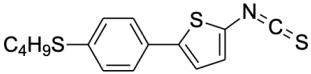
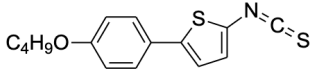
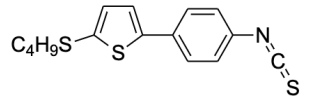
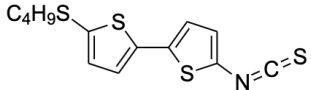
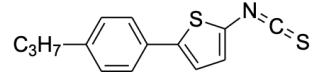
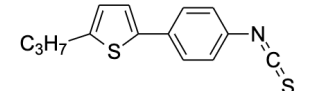
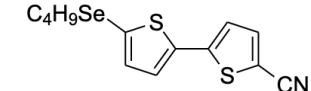
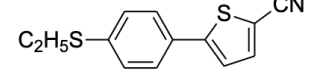
J. Mater. Chem., 1995, 5, 653
<https://doi-org/10.1039/JM9950500653>

Name	Structure	ne	no	Reference
4'-Butylsulfanyl-4-cyano-2-fluorobiphenyl		1.8532	1.5528	J. Mater. Chem., 1995, 5, 2201 https://doi-org/10.1039/JM9950502201
4'-Butylsulfanyl-4-cyano-3-fluorobiphenyl		1.8717	1.5569	
<u>Repeat Line 14</u>		<u>1.862</u>	<u>1.5586</u>	
4-Cyanophenyl 3-(4-butylsulfanylphenyl)propiolate		1.83	1.54	
4-Isothiocyanatophenyl 3-(4-butylsulfanylphenyl)propiolate		1.9	1.56	
1-(4-Butylsulfanylphenyl)-2-(4-cyanophenyl) ethyne		1.83	1.54	
1-(4-Butylsulfanylphenyl)-2-(4-isothiocyanatophenyl) ethyne		2.05	1.56	
(E)-4-Bromo-4'-butylsulfanylstilbene		1.93	1.54	

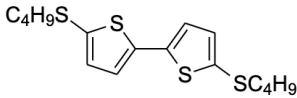
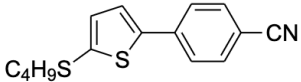
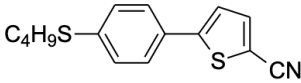
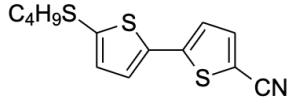
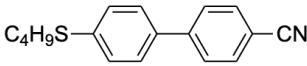
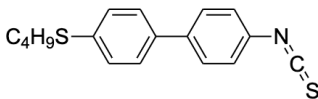
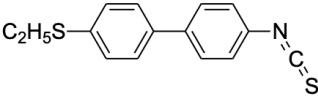
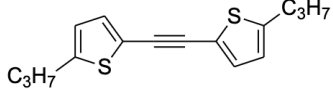
Name	Structure	ne	no	Reference
(E)-4-Bromo-4'-pentylstilbene		1.82	1.53	
(E)-4-Butylsulfanyl-4'-cyanostilbene		1.97	1.55	
(E)-4-Cyano-4'-pentylstilbene		1.87	1.52	J. Mater. Chem., 2000, 10, 1555 https://doi-org/10.1039/B001164I
1-(4-Butylsulfanylphenyl)-2-(2-isothiocyanatopyrimidin-5-yl)ethyne		1.76	1.53	
4-Cyano-4'-pentylbiphenyl (5CB)		1.72	1.53	
4-Isothiocyanato-4'-pentylbiphenyl		1.86	1.53	
<u>Repeat line 14</u>		<u>1.83</u>	<u>1.55</u>	
4-Butylsulfanyl-4-isothiocyanatobiphenyl		1.91	1.56	

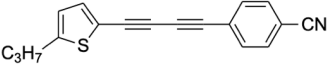
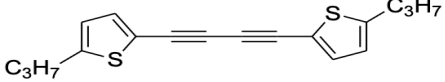
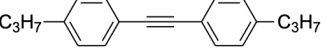
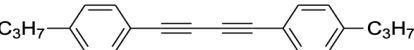
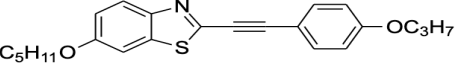
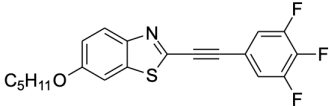
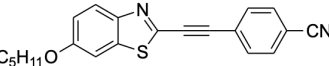
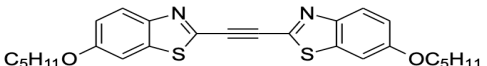
Name	Structure	ne	no	Reference
<u>Repeat Line 2</u>		<u>1.77</u>	<u>1.52</u>	
<u>Repeat Line 6</u>		<u>1.84</u>	<u>1.54</u>	
4-(6-Butylsulfanyl-2-naphthyl)phenyl isothiocyanate		2.01	1.57	
1-(6-Butylsulfanyl-2-naphthyl)-2-(4-cyanophenyl)ethyne		2.02	1.56	
1-(6-Butylsulfanyl-2-naphthyl)-2-(4-isothiocyanatophenyl)ethyne		2.12	1.58	
4-Cyanophenyl 6-butylsulfanyl-2-naphthoate		1.85	1.55	
4-Isothiocyanatophenyl 6-butylsulfanyl-2-naphthoate		1.91	1.57	
S-(4-Cyanophenyl) 6-butylsulfanylthio-2-naphthoate		1.91	1.57	

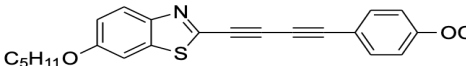
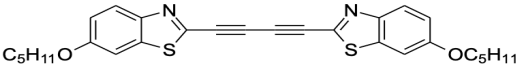
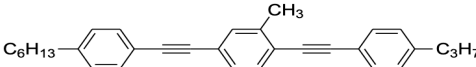
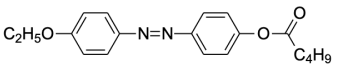
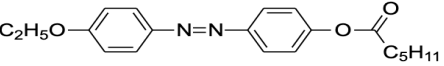
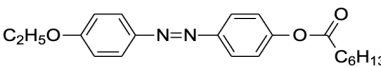
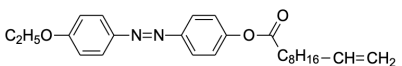
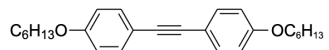
Name	Structure	ne	no	Reference
S-(4-Isothiocyanatophenyl) 6-butylsulfanythio-2-naphthoate		1.97	1.58	J. Mater. Chem., 2000, 10, 2069 https://doi.org/10.1039/B003818K
4-Cyanophenyl 6-butylsulfanyldithio-2-naphthoate		2.18	1.59	
2-(4-Butylsulfanylphenyl)-6-cyanonaphthalene		1.92	1.56	
2-(6-Butylsulfanyl-2-naphthyl)-5-cyanothiophene		1.94	1.57	
2-(6-Butylsulfanyl-2-naphthyl)-5-isothiocyanatothiophene		2.01	1.59	
2-(4-Butylsulfanylphenyl)-5-cyano-1-benzothiophene		1.72	1.62	
5-(4-Butylsulfanylphenyl)-2-cyano-1-benzothiophene		1.85	1.57	
2-(4-Ethylsulphanylphenyl)-5-isothiocyanatothiophene		1.98	1.61	

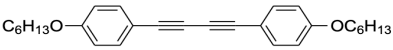
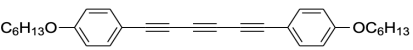
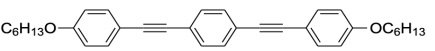
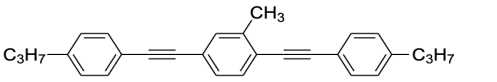
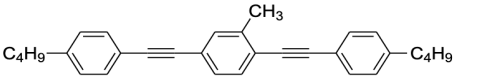
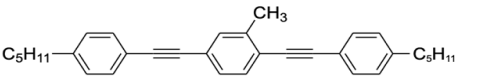
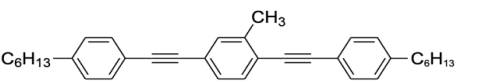
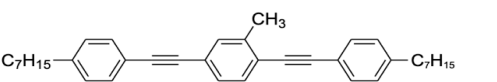
Name	Structure	ne	no	Reference
2-(4-Butylsulfanylphenyl)-5-isothiocyanatothiophene		1.95	1.59	
2-(4-Butoxyphenyl)-5-isothiocyanatothiophene		1.89	1.57	
2-Butylsulphanyl-5-(4-isothiocyanatophenyl)thiophene		1.9	1.6	
5-Butylsulphanyl-5'-isothiocyanato-2,2'-dithienyl		1.73	1.62	
2-Isothiocyanato-5-(4-propylphenyl)thiophene		1.88	1.59	
2-(4-Isothiocyanatophenyl)-5-propylthiophene		1.88	1.56	
5-Butylselanyl-5'-cyano-2,2'-dithienyl		1.7	1.64	
2-Cyano-5-(4-ethylsulphanylphenyl)thiophene		1.87	1.57	

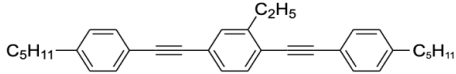
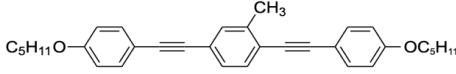
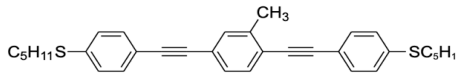
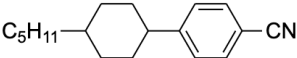
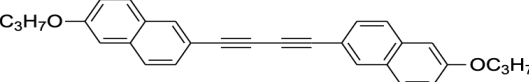
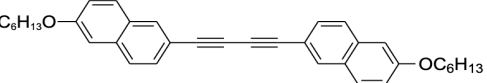
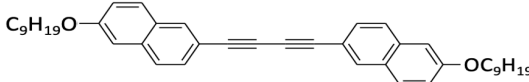
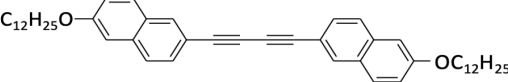
J. Mater. Chem., 2000, 10, 2069
<https://doi.org/10.1039/B003818K>

Name	Structure	ne	no	Reference
5,5'-Dibutylsulfanyl-2,2'-dithienyl		1.65	1.6	
<u>Repeat Line 10</u>		<u>1.79</u>	<u>1.57</u>	
<u>Repeat Line 11</u>		<u>1.84</u>	<u>1.56</u>	
<u>Repeat Line 15</u>		<u>1.76</u>	<u>1.59</u>	
<u>Repeat line 14</u>		<u>1.83</u>	<u>1.55</u>	
<u>Repeat Line 33</u>		<u>1.91</u>	<u>1.56</u>	
4-Ethylsulfanyl-4'-isothiocyanatobiphenyl		1.96	1.58	
Bis(5-n-propyl-thiophene-2-y l)ethyne		1.732	1.575	

Name	Structure	ne	no	Reference
4-Nitrile-(5-n-propylthiophene-2-yl)-butadiynylbenzene		2.078	1.56	
Bis(5-n-propyl-thiophene-2-yl)ethyne		1.911	1.584	
1,2-bis(4-propylphenyl)ethyne		1.518	1.781	
		1.526	1.935	
4-n-Methoxy-(6-n-pentoxy-3,1-benzothiazolyl-2-yl)-2-ethynylbenzene		1.878	1.543	Liquid Crystals 2001, 28, 1361 https://doi.org/10.1080/02678290110061386
3,4,5-Trifluoro-(6-n-pentoxy-3,1-benzothiazolyl-2-yl)-2-ethynylbenzene		1.78	1.54	
4-Nitrile-(6-n-pentoxy-3,1-benzothiazolyl-2-yl)-2-ethynylbenzene				
Bis(6-n-pentoxy-3,1-benzothiazolyl)ethyne				

Name	Structure	n_e	n_o	Reference
4-n-Propoxyl-(6-n-pentoxy-3,1-benzothiazol-2-yl)-2-butyndylbenzene		1.554	2.057	
Bis(6-n-pentoxy-3,1-benzothiazol-2-yl)ethyne		1.537	2.015	
Bistolane LC		1.889	1.507	Appl. Phys. Lett. 1999, 74, 344 https://doi.org/10.1063/1.123066
p(p-ethoxyphenylazo) phenyl valerate		1.82	1.503	
p(p-ethoxy phenylazo) phenyl hexanoate		1.802	1.502	Liquid Crystals 2012, 39, 295 https://doi.org/10.1080/02678292.2011.643246
p(p-ethoxyphenylazo) phenyl heptanoate		1.757	1.489	
p(p-ethoxyphenylazo) phenyl undecylenoate		1.694	1.477	
		1.69	1.5	

Name	Structure	ne	no	Reference
Methoxy diphenyl-oligoynes analogs		1.84	1.53	J. Mater. Chem. C, 2013, 1, 8094 https://doi.org/10.1039/C3TC31658K
		2.02	1.57	
		1.94	1.56	
		2.05	1.56	RSC Adv., 2016, 6, 403 https://doi-org/10.1039/c5ra15291g
		2.01	1.59	
		2.02	1.59	
		1.92	1.55	
Bistolane LC		1.94	1.56	

Name	Structure	ne	no	Reference
		1.92	1.55	
		2.12	1.61	
		2.21	1.6	
4-Cyano-4-n-pentyl-cyclohexanephenyl		1.6	1.49	J. Appl. Phys. 2004, 96, 19 https://doi.org/10.1063/1.1757034
		2.105	1.628	
		2.009	1.582	
Dinaphthyldiacetylene LC		1.867	1.544	J. Mater. Chem. C, 2013, 1, 4222 https://doi.org/10.1039/C3TC30640B
		1.809	1.534	