

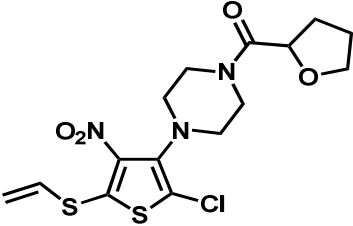
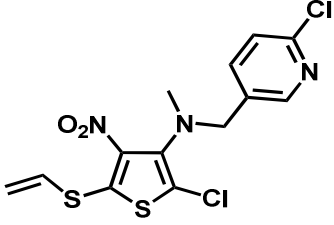
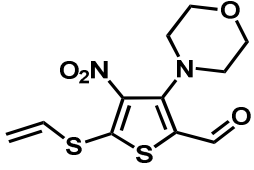
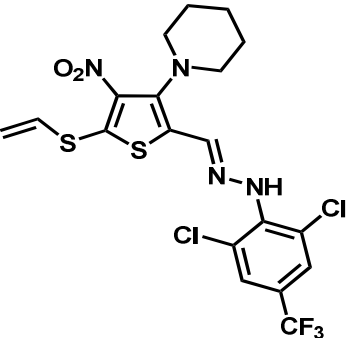
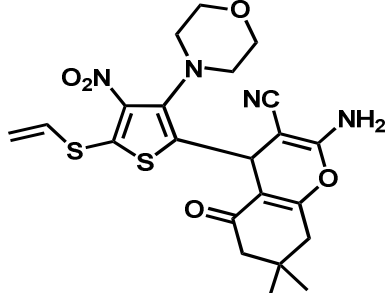
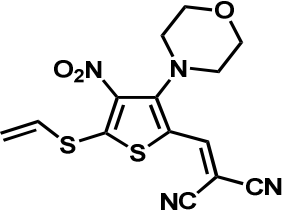
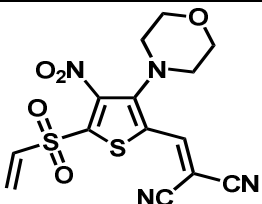
## 4-Nitrothiophenes

Mol ID	Structure	Formula Chemical Name	MW	ID Number CAS Number
1		$C_{10}H_{11}ClN_2O_2S_2$ 2-chloro-3-pyrrolidino-4-nitro-5-vinylsulfanyl thiophene	290,78	<b>vz0414</b> 440109-59-1
2		$C_{10}H_{11}ClN_2O_3S_2$ 2-chloro-3-morpholino-4-nitro-5-vinylsulfanyl thiophene	306,78	<b>vz0463</b> 440109-53-5
3		$C_{11}H_{13}ClN_2O_2S_2$ 2-chloro-3-piperidino-4-nitro-5-vinylsulfanyl thiophene	304,81	<b>vz0424</b> 440109-61-5
4		$C_{17}H_{18}ClN_3O_2S_2$ 2-chloro-3-(4-benzylpiperazin-1-yl)-4-nitro-5-vinylsulfanyl thiophene	395,92	<b>vz0723</b> 735274-58-5
5		$C_{14}H_{21}ClN_2O_2S_2$ 2-chloro-3-di(n-butyl)amino-4-nitro-5-vinylsulfanylthiophene	348,91	<b>vz0430</b> 735274-53-0
6		$C_{16}H_{14}Cl_2N_4O_6S_4$ 1,4-bis-(2-chloro-5-vinylsulfinyl-4-nitrothien-3-yl)piperazine	557,47	<b>vz0527</b> 735274-61-0
7		$C_{16}H_{14}Cl_2N_4O_4S_4$ 1,4-bis-(2-chloro-5-vinylsulfanyl-4-nitrothien-3-yl)piperazine	525,47	<b>vz0437</b> 735274-60-9
8		$C_{12}H_{15}ClN_2O_2S_2$ 2-chloro-3-(azepan-1-yl)-4-nitro-5-vinylsulfanyl thiophene	318,84	<b>vz0643</b> 694516-42-2

## 4-Nitrothiophenes

Mol ID	Structure	Formula Chemical Name	MW	ID Number CAS Number
9		$C_{10}H_{13}ClN_2O_2S_2$ 2-chloro-3-diethylamino-4-nitro-5-vinylsulfanyl thiophene	292,80	vz0848 694487-88-2
10		$C_{13}H_{15}ClN_2O_4S_2$ 8-(2-chloro-4-nitro-5-vinylsulfathien-3-yl)-1,4-dioxo-8-azaspiro[4.5]decane	362,85	vz0647 440109-70-6
11		$C_{16}H_{15}Cl_2N_3O_2S_2$ 2-chloro-3-(4-(3-chlorophenyl)piperaz-1-yl)-4-nitro-5-vinylsulfanylthiophene	416,34	vz0639 440109-68-2
12		$C_{10}H_{11}ClN_2O_5S_2$ 2-chloro-3-morpholino-4-nitro-5-vinylsulfonyl thiophene	338,78	vz0562 654636-38-1
13		$C_{16}H_{16}Cl_2N_4O_6S_3$ bis(5-chloro-4-morpholino-3-nitrothiophen-2-yl)sulfane	527,42	vz0535 654636-37-0
14		$C_{12}H_{16}ClN_3O_4S$ 2-chloro-3,5-dimorpholino-4-nitrothiophene	333,79	vz0528 654636-36-9
15		$C_{10}H_{11}ClN_2O_4S_2$ 2-chloro-3-morpholino-4-nitro-5-vinylsulfinyl thiophene	322,78	vz0522 957299-99-9
16		$C_{16}H_{15}ClFN_3O_2S_2$ 2-chloro-3-(4-(4-fluorophenyl)piperaz-1-yl)-4-nitro-5-vinylsulfanyl thiophene	399,89	vz1042 -----

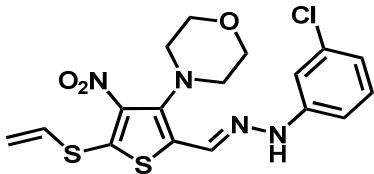
## 4-Nitrothiophenes

Mol ID	Structure	Formula Chemical Name	MW	ID Number CAS Number
17		$C_{15}H_{18}ClN_3O_4S_2$ 4-(2-chloro-4-nitro-5-(vinylsulfanyl)thiophen-3-yl)piperazin-1-yl(tetrahydrofuran-2-yl)methanone	403,90	vz1071 -----
18		$C_{13}H_{11}Cl_2N_3O_2S_2$ 2-chloro-3-(6-chloropyridin-3-ylmethyl)methylamino-4-nitro-5-vinyl sulfanylthiophene	376,28	vz0081 -----
19		$C_{11}H_{12}N_2O_4S_2$ 3-morpholino-4-nitro-5-(vinylsulfanyl)thiophene-2-carbaldehyde	300,35	vz1221 -----
20		$C_{19}H_{17}Cl_2F_3N_4O_2S_2$ 2-(2,6-dichloro-4-(trifluoromethyl)phenylhydrazono)methyl-3-piperidino-4-nitro-5-vinylsulfanylthiophene	525,39	vz0873 -----
21		$C_{22}H_{24}N_4O_5S_2$ 2-amino-7,7-dimethyl-4-(3-morpholino-4-nitro-5-(vinylsulfanyl)thiophen-2-yl)-5-oxo-5,6,7,8-tetrahydro-4H-chromene-3-carbonitrile	488,57	vz1537 -----
22		$C_{14}H_{12}N_4O_3S_2$ 2-(2,2-dicyanovinyl)-3-morpholino-4-nitro-5-vinylsulfanylthiophene	348,40	vz1415 -----
23		$C_{14}H_{12}N_4O_5S_2$ 2-(2,2-dicyanovinyl)-3-morpholino-4-nitro-5-vinylsulfonylthiophene	380,39	vz1423 -----

## 4-Nitrothiophenes

Mol ID	Structure	Formula Chemical Name	MW	ID Number CAS Number
24		$C_{17}H_{15}Cl_3N_4O_3S_2$ 2-(2,4,6-trichlorophenylhydrazono)methyl-3-morpholino-4-nitro-5-vinyl sulfanylthiophene	493,81	<b>vz1417</b> -----
25		$C_{27}H_{34}N_2O_7S_2$ 2,2'-((3-morpholino-4-nitro-5-(vinylsulfanyl)thiophen-2-yl)methylene)bis(5,5-dimethylcyclohexane-1,3-dione)	562,69	<b>vz1416</b> -----
26		$C_{12}H_{14}N_2O_3S_2$ 3-piperidino-4-nitro-5-(vinylsulfanyl)thiophene-2-carbaldehyde	298,38	<b>vz1216</b> -----
27		$C_{11}H_{14}N_2O_2S_2$ 3-piperidino-4-nitro-5-vinylsulfanylthiophene	270,37	<b>vz1213</b> -----
28		$C_{17}H_{16}ClN_3O_3S_2$ 2-(4-chlorophenyl imino)methyl-3-morpholino-4-nitro-5-vinylsulfanylthiophene	409,91	<b>vz1555</b> -----
29		$C_{17}H_{17}ClN_4O_3S_2$ 2-(4-chlorophenyl hydrazono)methyl-3-morpholino-4-nitro-5-vinylsulfanylthiophene	424,92	<b>vz1553</b> -----
30		$C_{25}H_{25}N_3O_7S_4$ 6,7-dihydro-6,6-dimethyl-9-(3-morpholino-4-nitro-5-(vinylsulfanyl)thiophen-2-yl)-3-nitro-2-(vinylsulfanyl)-5H-thieno[3,2-b]chromen-8(9H)-on	607,74	<b>vz1548</b> -----

## 4-Nitrothiophenes

Mol ID	Structure	Formula Chemical Name	MW	ID Number CAS Number
31		$C_{17}H_{17}ClN_4O_3S_2$ 2-(3-chlorophenyl hydrazono)methyl-3- morpholino-4-nitro-5- vinylsulfanylthiophene	424,92	<b>vz1552</b> -----