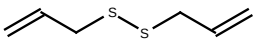
Query

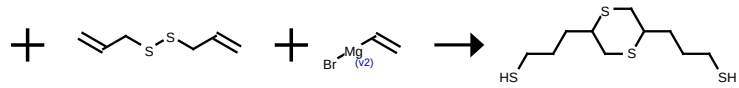
	Query	Results	Date
1. Query	 Search as: Starting material, As drawn, No salts, No mixtures	74 reactions	2011-05-08 17h:17m:04s (EST)

Rx-ID: 177093 View in Reaxys

Yield	Conditions & References
90 %	**With** peracetic acid, sodium carbonate **in** chloroform, T= 0 °C , 1.) 30 min; 2.) 30 min **Block, Eric; Ahmad, Saleem; Catalfamo, James L.; Jain, Mahendra K.; Apitz-Castro, Rafael**; Journal of the American Chemical Society; **vol.** 108; nb. 22; (1986); p. 7045 - 7055 View in Reaxys
61 %	**With** 3-chloro-benzenecarboperoxoic acid **in** dichloromethane, Time= 1h, T= 40 °C **Waag, Thilo; Schirmeister, Tanja; Gelhaus, Christoph; Leippe, Matthias; Rath, Jennifer; Stich, August**; Bioorganic and Medicinal Chemistry Letters; **vol.** 20; nb. 18; (2010); p. 5541 - 5543 View in Reaxys
	With dihydrogen peroxide, acetic acid **Stoll; Seebeck**; Experientia; **vol.** 3; (1947); p. 114; Helvetica Chimica Acta; **vol.** 32; (1949); p. 198 View in Reaxys
	With meta-chloroperoxybenzoic acid, chloroform **Small; Bailey; Cavallito**; Journal of the American Chemical Society; **vol.** 69; (1947); p. 1711; Journal of the American Chemical Society; **vol.** 71; (1949); p. 3566 View in Reaxys
	With peracetic acid **Block, Eric; Ahmad, Saleem; Jain, Mahendra K.; Crecely, Roger W.; Apitz-Castro, Rafael; Cruz, Maria R.**; Journal of the American Chemical Society; **vol.** 106; nb. 26; (1984); p. 8295 - 8296 View in Reaxys
	With dihydrogen peroxide **in** acetic acid, 1.) 0 deg C, 2 h, 2.) r.t., 4 h, Yield given **Freeman, Fillmore; Huang, Bao-Guo; Lin, Robert I-San**; Journal of Organic Chemistry; **vol.** 59; nb. 11; (1994); p. 3227 - 3229 View in Reaxys
	With dihydrogen peroxide, acetic acid, Time= 5h, T= 23 °C **Freeman, Fillmore; Kodera, Yukihiro**; Journal of Agricultural and Food Chemistry; **vol.** 43; nb. 9; (1995); p. 2332 - 2338 View in Reaxys
	With dihydrogen peroxide, Oxidation **Kaye, Alan D.; Nossaman, Bobby D.; Ibrahim, Ikhlass N.; Feng, Chang J.; McNamara, Dennis B.; et al.**; European Journal of Pharmacology; **vol.** 276; nb. 1-2; (1995); p. 21 - 26 View in Reaxys
	With dihydrogen peroxide **in** acetic acid, T= 13 °C , Kinetics, Further Variations: Temperatures **Nikolic, V.; Stankovic, M.; Nikolic, Lj.; Cvetkovic, D.**; Pharmazie; **vol.** 59; nb. 1; (2004); p. 10 - 14 View in Reaxys
	Example Name 7.2.3.2 7.2.3.2 Allicin Formation within the Cell Membrane Because allicin is known to react rapidly with thiols (and AllylSH is a thiol), the formation of allicin from AllylSH in the presence of H_2O_2 was suspected of being limited by a significant reverse formation of DADS from the allicin: allicin+2 AllylSH->2 DADS+H_2O The environment within the membrane had now been determined to have a higher concentration of DADS than AllylSH, due to the lipophilic nature of DADS, so it was decided to perform another experiment to see if less H_2O_2 was needed for allicin production when the starting DADS concentration was significantly higher than the starting AllylSH concentration (which is the opposite of the starting condition of the experiment with H_2O_2 that was previously performed). An experiment starting with 0.2 mM of DADS in the presence of 5.0 mM of $H^{20}{}_2$ and performed at room temperature proved this to be the case (FIG. 12). In the absence

	of AllylSH the rate of allicin formation was increased and was essentially linear with time. Another experiment was performed at approximate body temperature (37 degrees C.) and calculated membrane AllylSH concentration. Starting with 0.2 mM of DADS and 0.022 mM of AllylSH in the presence of 5.0 mM of H_2O_2 the allicin yield was 0.015 mM at 11 minutes (FIG. 13). In comparison with the previous experimental discovery of significant allicin formation from AllylSH in the presence of high H_2O_2 (e.g. in the extracellular environment adjacent to an activated neutrophil, see section 7.2.2), this new aspect of the present invention indicates the potential use of the formation of allicin (or other form of thiosulfinate) within the cell membrane as a defense against H_2O_2 and other ROS, particularly during oxidative stress events. The production of allicin has now been shown to occur at a significantly lower H_2O_2 concentration than was used in the previous experiment, which would extend the anti-inflammatory range to a significantly greater distance from the source of ROS than was calculated in section 7.2.2. **With** dihydrogen peroxide **in** acetonitrile, Time= 1h, T= 20 °C , Aqueous phosphate buffer, Reactivity **Patent**; **Ott, David M.**; US2005/260250; (2005); (A1) English View in Reaxys
	Example Name 7.2.3.2 7.2.3.2 Allicin Formation within the Cell Membrane Because allicin is known to react rapidly with thiols (and AllylSH is a thiol), the formation of allicin from AllylSH in the presence of H_2O_2 was suspected of being limited by a significant reverse formation of DADS from the allicin: allicin+2 AllylSH->2 DADS+H_2O The environment within the membrane had now been determined to have a higher concentration of DADS than AllylSH, due to the lipophilic nature of DADS, so it was decided to perform another experiment to see if less H_2O_2 was needed for allicin production when the starting DADS concentration was significantly higher than the starting AllylSH concentration (which is the opposite of the starting condition of the experiment with H_2O_2 that was previously performed). An experiment starting with 0.2 mM of DADS in the presence of 5.0 mM of $H^{20}{}_2$ and performed at room temperature proved this to be the case (FIG. 12). In the absence of AllylSH the rate of allicin formation was increased and was essentially linear with time. Another experiment was performed at approximate body temperature (37 degrees C.) and calculated membrane AllylSH concentration. Starting with 0.2 mM of DADS and 0.022 mM of AllylSH in the presence of 5.0 mM of H_2O_2 the allicin yield was 0.015 mM at 11 minutes (FIG. 13). In comparison with the previous experimental discovery of significant allicin formation from AllylSH in the presence of high H_2O_2 (e.g. in the extracellular environment adjacent to an activated neutrophil, see section 7.2.2), this new aspect of the present invention indicates the potential use of the formation of allicin (or other form of thiosulfinate) within the cell membrane as a defense against H_2O_2 and other ROS, particularly during oxidative stress events. The production of allicin has now been shown to occur at a significantly lower H_2O_2 concentration than was used in the previous experiment, which would extend the anti-inflammatory range to a significantly greater distance from the source of ROS than was calculated in section 7.2.2. **With** 2-propene-1-thiol, dihydrogen peroxide **in** acetonitrile, Time= 0.183333h, T= 37 °C , Aqueous phosphate buffer, Reactivity **Patent**; **Ott, David M.**; US2005/260250; (2005); (A1) English View in Reaxys
	Stage 1: With 3-chloro-benzenecarboperoxoic acid **in** chloroform, Time= 1h, T= 0 °C **Stage 2: With** sodium carbonate **in** chloroform, Time= 1h, T= 0 °C **Vaidya, Vipraja; Pratt, Derek A.; Ingold, Keith U.**; Angewandte Chemie, International Edition; **vol.** 48; nb. 1; (2009); p. 157 - 160 View in Reaxys
	Example Name 6 Example 6; 10ml of diallyl disulphide (DADS) were stirred into 100ml ethanol/water (1 :1). 20 grams of potassium peroxymonosulfate (Oxone RTM) was added slowly over 2 hours, and stirred at below 10^{O}C until no further reaction was observed. The resultant solution was then filtered, and then extracted with diethyl ether (2 x 50 ml). The diethyl ether layers were combined and washed with 10 percent brine solution 2 x 50 ml. The ether layer was dried with magnesium sulfate then reduced to under vacuum. Removal of the solvent produced a yellow oil of pure allicin better than 90percent (expressed as a percent of pure material). The pure allicin may then be treated as per Example 1 for conversion to ajoene. **With** Oxone (R). **in** ethanol, water, T= 10 °C **Patent**; **NEEM BIOTECH LIMITED; WILLIAMS, David Michael; SAUNDERS, Robert Alun; EVANS, Gareth James Street**; WO2010/100486; (2010); (A2) English

View in Reaxys

1.0 M-tetrahydrofuran 

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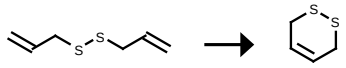
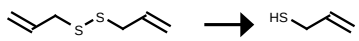
Yield	Conditions & References
61%	Example Name 3 Example Title Example 3 Example 3 Preparation of 2,5-bis(3-mercaptopropyl)-1,4-dithian as a polythiol compound of this invention (a compound of this invention (a compound of formula [1] in which X=H (n_2 =0), Y=H and n_1 =3) 25.0 Grams (0.157 mol) of bromine was added to a solution of 22.9 g (0.157 mol) of diallyldisulfide in 780 ml of di-chloromethane at -78.deg. C. over 1 hour. And, the temperature of the mixture was elevated up to -20.deg. C., the mixture was stirred at said temperature for 8 hours, and then, dichloromethane was removed under reduced pressure. 300 Milliliters of dry tetrahydrofuran was added to the residue, the resultant mixture was cooled to -10.deg. C., and while the mixture was stirred. 329 ml of a 1.0 M-tetrahydrofuran solution of vinylmagnesium bromide was added dropwise. Thereafter, the mixture was stirred at 0.deg. C. for 2 hours and at room temperature for 12 hours. The reaction mixture was poured into water and subjected to extraction with benzene, and benzene was distilled off under reduced pressure. Then, the resultant residue was dissolved in 200 ml of benzene, and while hydrogen sulfide was blown into the mixture, the mixture was allowed to react at room temperature for 4 hours. Thereafter, benzene was distilled off under reduced pressure to give 25.7 g of an intended product, 2,5-bis(3-mercap-topropyl)-1,4-dithian (yield 61percent). **With** bromine **in** tetrahydrofuran, dichloromethane, benzene **Patent**; **Hoya Corporation**; US5403938; (1995); (A1) English View in Reaxys



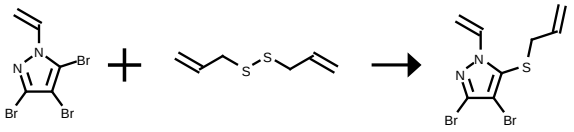
Rx-ID: 4764620 View in Reaxys

Yield	Conditions & References
100 %	**With** Grubb's 2nd generation catalyst, T= 90 °C **Trapp, Oliver; Weber, Sven K.; Bauch, Sabrina; Hofstadt, Werner**; Angewandte Chemie, International Edition; **vol.** 46; nb. 38; (2007); p. 7307 - 7310; Angewandte Chemie; **vol.** 119; nb. 38; (2007); p. 7447 - 7451 View in Reaxys
77 % Spectr.	**With** {(2-methyl-2-phenyl-propylidene)((2,6-diisopropylphenyl)imido)molybdenum(VI)bis(hexafluoro-tert-butoxide)} **in** benzene-d6, Time= 1h, T= 20 °C , further catalyst, variation of the reaction time; catalytic ring-closing metathesis of further acyclic dienes, Product distribution **Shon, Young-Seok; Lee, T. Randall**; Tetrahedron Letters; **vol.** 38; nb. 8; (1997); p. 1283 - 1286 View in Reaxys
77 % Spectr.	**With** {(2-methyl-2-phenyl-propylidene)((2,6-diisopropylphenyl)imido)molybdenum(VI)bis(hexafluoro-tert-butoxide)} **in** benzene-d6, Time= 1h, T= 20 °C **Shon, Young-Seok; Lee, T. Randall**; Tetrahedron Letters; **vol.** 38; nb. 8; (1997); p. 1283 - 1286 View in Reaxys
100 % Spectr.	**With** Grubb's 2nd generation catalyst **in** dichloromethane-d2, Time= 4h, Heating **Spagnol, Gaelle; Heck, Marie-Pierre; Nolan, Steven P.; Mioskowski, Charles**; Organic Letters; **vol.** 4; nb. 10; (2002); p. 1767 - 1770 View in Reaxys



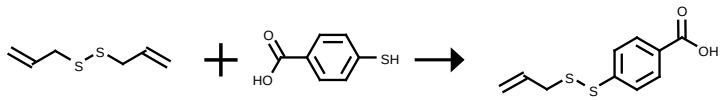
Rx-ID: 4670776 View in Reaxys

Yield	Conditions & References
95 %	**With** indium, ammonium chloride **in** ethanol, Time= 1h, Heating, Reduction **Reddy, G. Vidya Sagar; Rao, G. Venkat; Iyengar, D. S.**; Synthetic Communications; **vol.** 30; nb. 5; (2000); p. 859 - 862 View in Reaxys
83 %	**With** magnesium **in** methanol, benzene, Time= 1.66667h, Ambient temperature **Sridhar, Madabhushi; Vadivel, Subramanian K.; Bhalerao, Uday T.**; Synthetic Communications; **vol.** 27; nb. 8; (1997); p. 1347 - 1350 View in Reaxys



Rx-ID: 10390496 View in Reaxys

Yield	Conditions & References
77 %	**Stage 1: With** n-butyllithium **in** tetrahydrofuran, hexane, Time= 0.0333333h, T= -78 °C **Stage 2: in** tetrahydrofuran, hexane, Time= 2h, T= -78 - 20 °C **Iddon, Brian; Toender, Janne Ejrnaes; Hosseini, Masood; Begtrup, Mikael**; Tetrahedron; **vol.** 63; nb. 1; (2007); p. 56 - 61 View in Reaxys

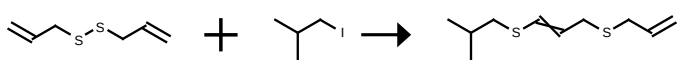


Rx-ID: 28851949 View in Reaxys

Yield	Conditions & References
74.3 %	**With** triethylamine, Time= 8h, T= 60 °C , pH= 4 **Takeda, Kohei; Kuwahara, Atsushi; Ohmori, Kohei; Takeuchi, Toshifumi**; Journal of the American Chemical Society; **vol.** 131; nb. 25; (2009); p. 8833 - 8838 View in Reaxys

Rx-ID: 1858103 View in Reaxys

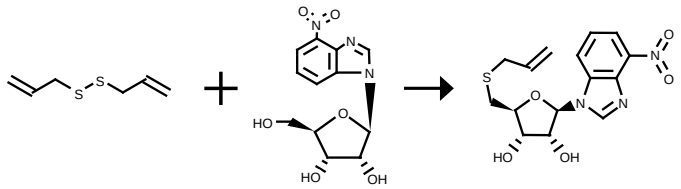
Yield	Conditions & References
78 %	**With** n-butyllithium **in** tetrahydrofuran, diethyl ether, 2 h, < -95 deg C, 1.5 h **Jorritsma, R.; Steinberg, H.; Boer, Th. J. de**; Recueil: Journal of the Royal Netherlands Chemical Society; **vol.** 100; nb. 5; (1981); p. 184 - 194 View in Reaxys



Rx-ID: 1858099 View in Reaxys

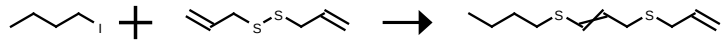
Yield	Conditions & References
65.6 %	**With** potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C

	Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964,856 - 861 View in Reaxys



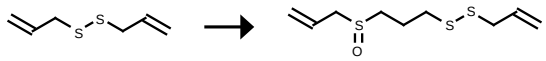
Rx-ID: 11255122 View in Reaxys

Yield	Conditions & References
48 %	**With** triphenylphosphine **in** pyridine, Time= 24h, T= 20 °C **Srivastava, Richa; Bhargava, Anudita; Singh, Ramendra K.**; Bioorganic and Medicinal Chemistry Letters; **vol.** 17; nb. 22; (2007); p. 6239 - 6244 View in Reaxys



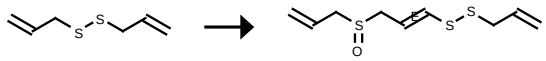
Rx-ID: 1781581 View in Reaxys

Yield	Conditions & References
61.2 %	**With** potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964,856 - 861 View in Reaxys



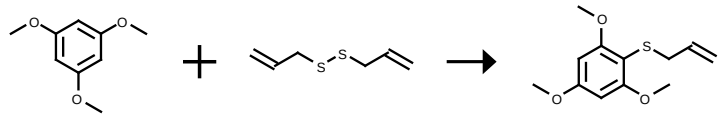
Rx-ID: 19226541 View in Reaxys

Yield	Conditions & References
	Reaction Steps: 2 1: 90 percent / 1.) 35 percent peracetic acid; 2.) sodium carbonate / $CHCl_3$ / 0 °C / 1.) 30 min; 2.) 30 min 2: 0.220 g / 10 percent acetic acid / 120 h / 25 °C **With** peracetic acid, sodium carbonate, acetic acid **in** chloroform **Block, Eric; Ahmad, Saleem; Catalfamo, James L.; Jain, Mahendra K.; Apitz-Castro, Rafael**; Journal of the American Chemical Society; **vol.** 108; nb. 22; (1986); p. 7045 - 7055 View in Reaxys



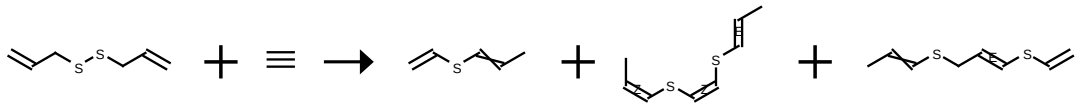
Rx-ID: 19226542 View in Reaxys

Yield	Conditions & References
	Reaction Steps: 2 1: 90 percent / 1.) 35 percent peracetic acid; 2.) sodium carbonate / $CHCl_3$ / 0 °C / 1.) 30 min; 2.) 30 min 2: 0.024 g / 10 percent acetic acid / 120 h / 25 °C **With** peracetic acid, sodium carbonate, acetic acid **in** chloroform **Block, Eric; Ahmad, Saleem; Catalfamo, James L.; Jain, Mahendra K.; Apitz-Castro, Rafael**; Journal of the American Chemical Society; **vol.** 108; nb. 22; (1986); p. 7045 - 7055 View in Reaxys



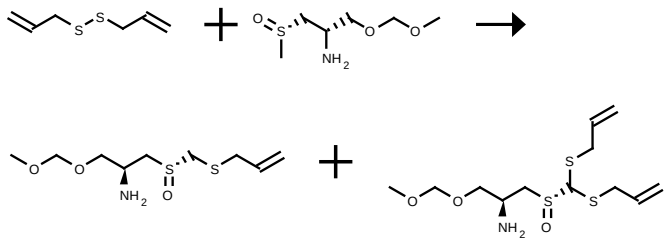
Rx-ID: 29889236 View in Reaxys

Yield	Conditions & References
25 %	**With** copper(I) iodide, oxygen **in** N,N-dimethyl-formamide, Time= 24h, T= 120 °C **Zhang, Shouhui; Qian, Pengcheng; Zhang, Manli; Hu, Maolin; Cheng, Jiang**; Journal of Organic Chemistry; **vol.** 75; nb. 19; (2010); p. 6732 - 6735 View in Reaxys



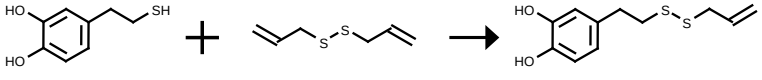
Rx-ID: 3851008 View in Reaxys

Yield	Conditions & References
9.7 %, 8.8 %, 38.6 %	**With** potassium hydroxide, N,N'-di-beta-naphthyl-p-phenylenediamine **in** water, dimethyl sulfoxide, Time= 4h, T= 40 - 45 °C , p= 6840 - 13680Torr , Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.**; Zhurnal Organicheskoi Khimii; **vol.** 25; nb. 2.1; (1989); p. 270 - 274,239 - 243 View in Reaxys
38.6 %, 9.7 %, 8.8 %	**With** potassium hydroxide, N,N'-di-beta-naphthyl-p-phenylenediamine **in** water, dimethyl sulfoxide, Time= 4h, T= 40 - 45 °C , p= 6840 - 13680Torr **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.**; Zhurnal Organicheskoi Khimii; **vol.** 25; nb. 2.1; (1989); p. 270 - 274,239 - 243 View in Reaxys



Rx-ID: 10390497 View in Reaxys

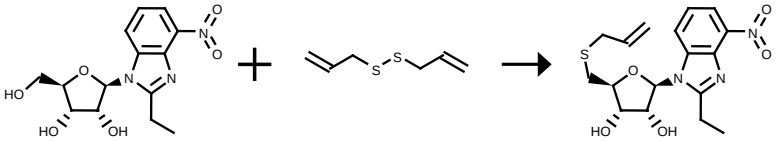
Yield	Conditions & References
25 %, 20 %	**With** lithium diisopropyl amide **in** tetrahydrofuran, hexane, Time= 1h, T= 0 °C **Nakajima, Noriyuki; Enomoto, Takeshi; Watanabe, Takehiro; Matsuura, Nobuyasu; Ubukata, Makoto**; Bioscience, Biotechnology, and Biochemistry; **vol.** 67; nb. 12; (2003); p. 2556 - 2566 View in Reaxys



Rx-ID: 11037688 View in Reaxys

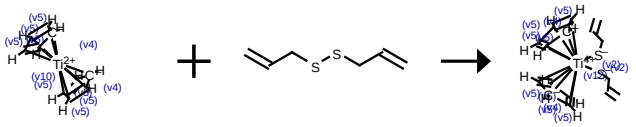
Yield	Conditions & References
46 %	**With** triethylamine, Time= 8h, T= 60 °C **Takeuchi, Toshifumi; Murase, Nobuo; Maki, Hideshi; Mukawa, Takashi; Shinmori, Hideyuki**; Organic and Biomolecular Chemistry; **vol.** 4; nb. 3; (2006); p. 565 - 568

	View in Reaxys



Rx-ID: 11255123 View in Reaxys

Yield	Conditions & References
58 %	**With** pyridine, triphenylphosphine, Time= 24h, T= 20 °C **Srivastava, Richa; Bhargava, Anudita; Singh, Ramendra K.**; Bioorganic and Medicinal Chemistry Letters; **vol.** 17; nb. 22; (2007); p. 6239 - 6244 View in Reaxys



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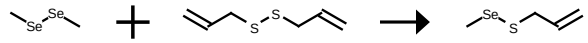
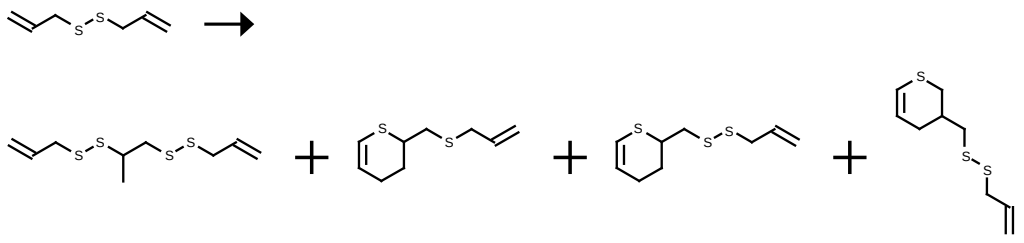
Yield	Conditions & References
49 %	**in** not given, ligand was added to soln. of Ti-complex, stirred at room temp. for 2 h under Ar; solvent was removed under vac., dissolved in CH2Cl2, filtered through alumina, solvent was removed, recrystd. from CH2Cl2-C6H14; elem. anal. **Song, Li-Cheng; Liu, Peng-Chong; Han, Cong; Hu, Qing-Mei**; Journal of Organometallic Chemistry; **vol.** 648; (2002); p. 119 - 125 ; (from Gmelin) View in Reaxys



Rx-ID: 4071210 View in Reaxys

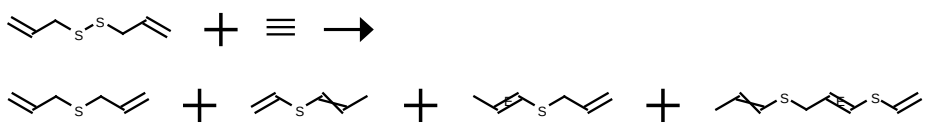
Yield	Conditions & References
	With bromine **in** chloroform **Cai, Xiao-Jia; Uden, Peter C.; Block, Eric; Zhang, Xing; Quimby, Bruce D.; Sullivan, James J.**; Journal of Agricultural and Food Chemistry; **vol.** 42; nb. 10; (1994); p. 2081 - 2084 View in Reaxys



Rx-ID: 1858120 View in Reaxys

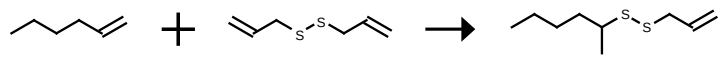
Yield	Conditions & References
2 %, 2 %, 0.53 %, 5 %	Time= 0.666667h, T= 150 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys
2 %, 5 %, 2 %, 0.53 %	Time= 0.666667h, T= 150 °C , Further byproducts given

	Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys
5 %, 2 %, 0.53 %, 2 %	Time= 0.666667h, T= 150 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys
2 %, 5 %, 0.53 %, 2 %	Time= 0.666667h, T= 150 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



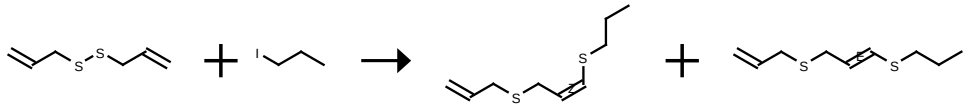
Rx-ID: 3851007 View in Reaxys

Yield	Conditions & References
17.8 %, 1.4 %, 0.7 %, 19.6 %	**With** potassium hydroxide, hydroquinone **in** water, dimethyl sulfoxide, Time= 4h, T= 40 - 45 °C , p= 9880 - 15200Torr , Further byproducts given **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.**; Zhurnal Organicheskoi Khimii; **vol.** 25; nb. 2.1; (1989); p. 270 - 274,239 - 243 View in Reaxys



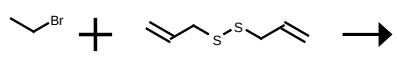
Rx-ID: 1691003 View in Reaxys

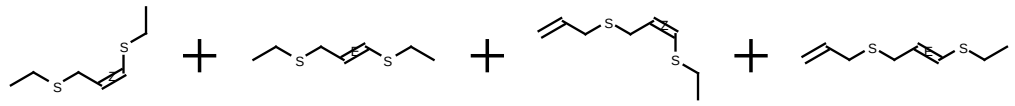
Yield	Conditions & References
10 %	Time= 1.5h, T= 150 °C **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



Rx-ID: 2856002 View in Reaxys

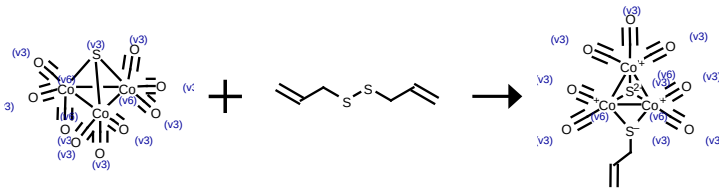
Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C , Yield given. Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys





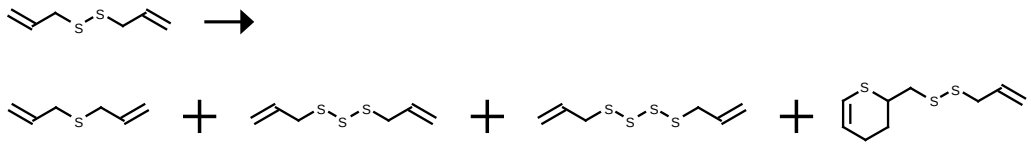
Rx-ID: 1669667 View in Reaxys

Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 50 °C , Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 50 °C , Yield given. Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys



Rx-ID: 27294169 View in Reaxys

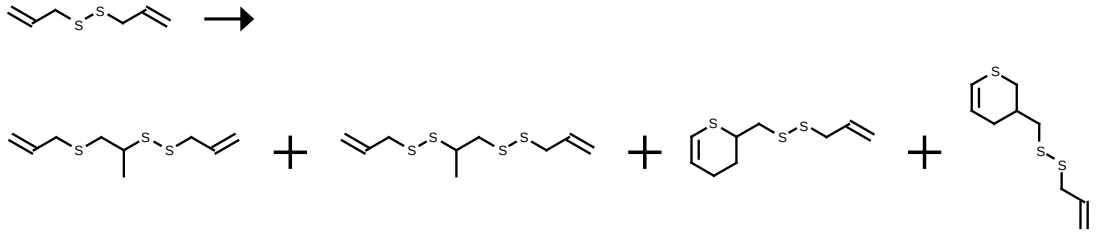
Yield	Conditions & References
	in dichloromethane, byproducts: CO; Ar-atmosphere; 0.6 equiv. of disulfide, stirring for 2-4 h; evapn., dissoln. (hexane); IR spectroscopy **Vastag, Sandor; Gervasio, Giuliana; Marabello, Domenica; Szalontai, Gabor; Marko, Laszlo**; Organometallics; **vol.** 17; (1998); p. 4218 - 4225 ; (from Gmelin) View in Reaxys



Rx-ID: 1858113 View in Reaxys

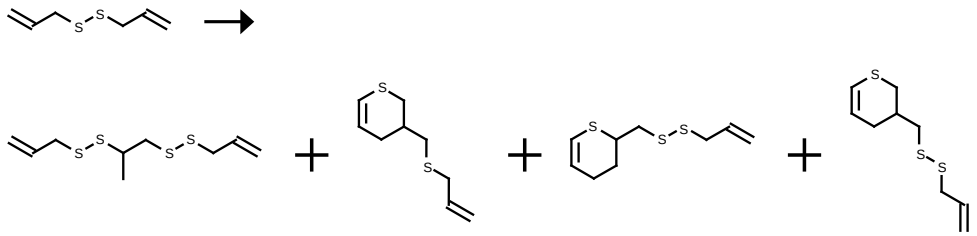
Yield	Conditions & References
18 % Chromat., 5.5 % Chromat., 2.3 % Chromat., 20 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys
20 % Chromat., 5.5 % Chromat., 2.3 % Chromat., 18 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys

20 % Chromat., 18 % Chromat., 2.3 % Chromat., 5.5 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



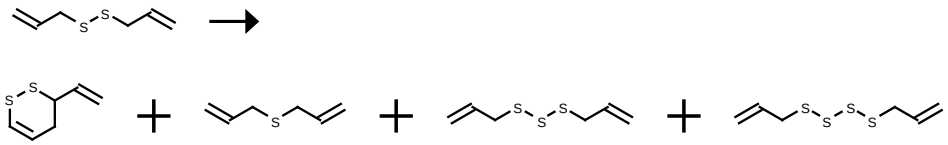
Rx-ID: 1858119 View in Reaxys

Yield	Conditions & References
2 %, 5 %, 2 %, 0.35 %	Time= 0.666667h, T= 150 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



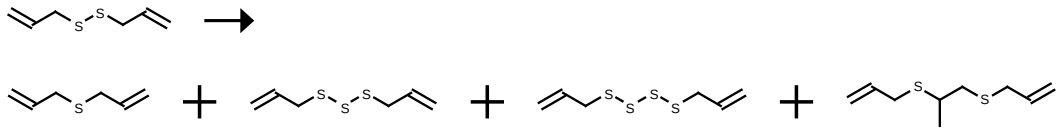
Rx-ID: 1858121 View in Reaxys

Yield	Conditions & References
2 %, 5 %, 2 %, 0.35 %	Time= 0.666667h, T= 150 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



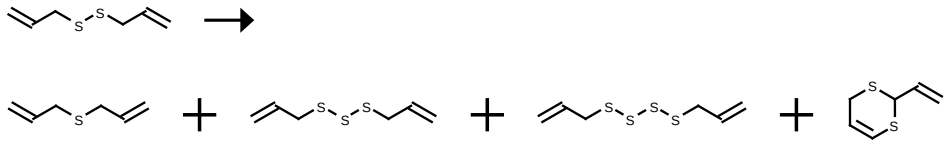
Rx-ID: 1858105 View in Reaxys

Yield	Conditions & References
9.7 % Chromat., 3 % Chromat., 0.47 % Chromat., 0.7 % Chromat.	Time= 168h, T= 50 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



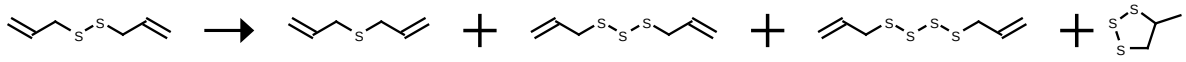
Rx-ID: 1858106 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.45 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



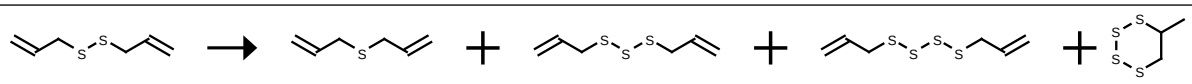
Rx-ID: 1858107 View in Reaxys

Yield	Conditions & References
9.7 % Chromat., 3 % Chromat., 0.47 % Chromat., 0.3 % Chromat.	Time= 168h, T= 50 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



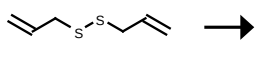
Rx-ID: 1858108 View in Reaxys

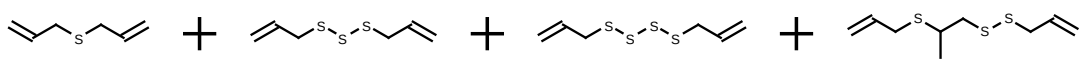
Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.68 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



Rx-ID: 1858109 View in Reaxys

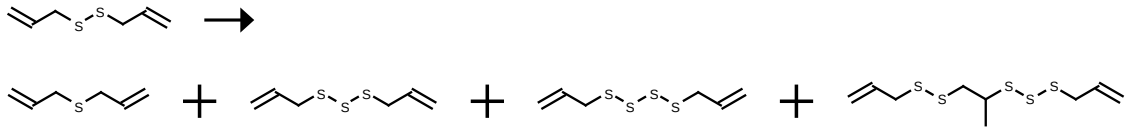
Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.42 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys





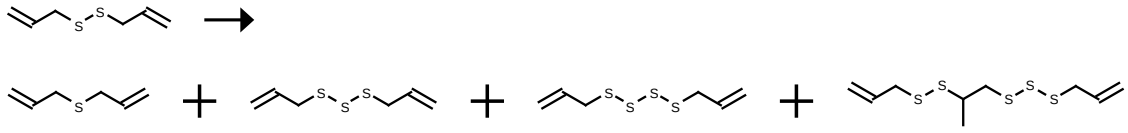
Rx-ID: 1858110 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.86 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



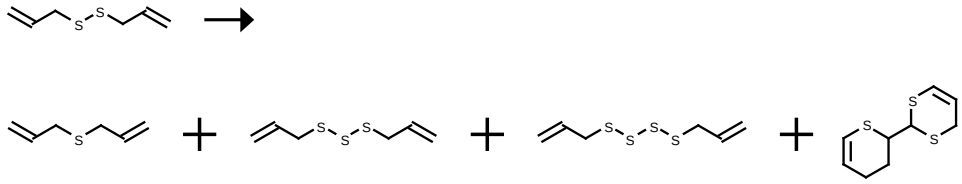
Rx-ID: 1858111 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat.	Time= 240h, T= 80 °C , Yield given. Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



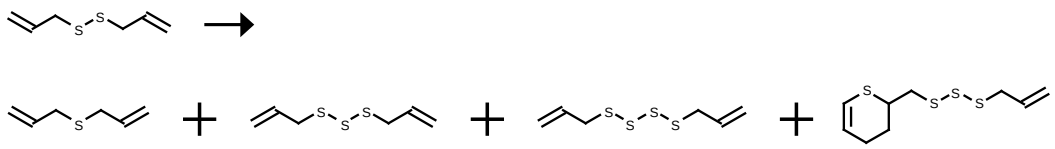
Rx-ID: 1858112 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat.	Time= 240h, T= 80 °C , Yield given. Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



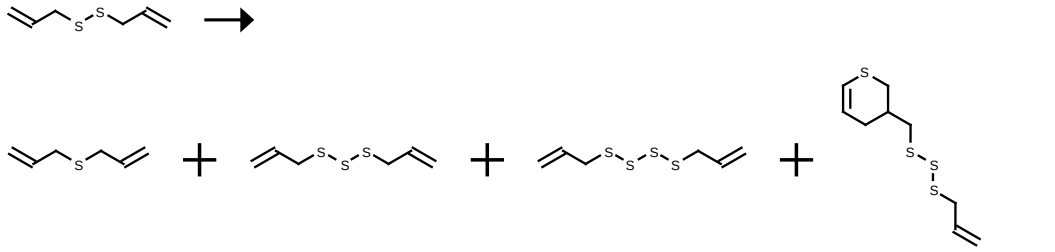
Rx-ID: 1858114 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.2 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



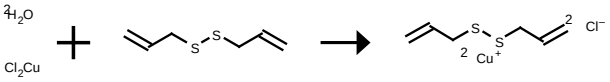
Rx-ID: 1858115 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.7 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



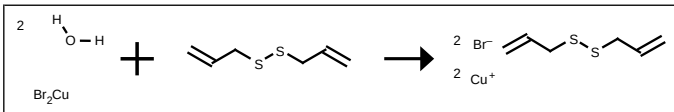
Rx-ID: 1858116 View in Reaxys

Yield	Conditions & References
20 % Chromat., 18 % Chromat., 5.5 % Chromat., 0.25 % Chromat.	Time= 240h, T= 80 °C , Further byproducts given **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



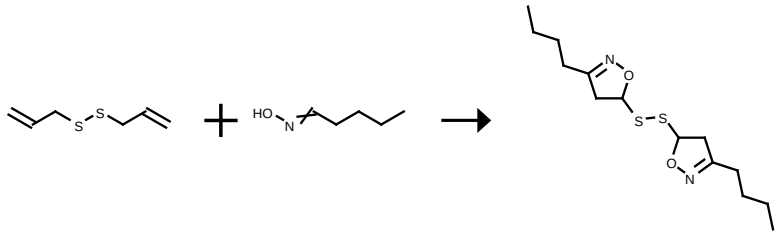
Rx-ID: 27485561 View in Reaxys

Yield	Conditions & References
	in ethanol, Electrochem. Process; by ac electrochemical method on Cu electrode (V=0.20 V, I=0.1 mA) from soln. of Cu salt and ligand in EtOH **Salivon, N. F.; Oliinik, V. V.**; Russian Journal of Coordination Chemistry; **vol.** 32; (2006); p. 208 - 213; Koordinatsionnaya Khimiya; **vol.** 32; (2006); p. 217 - 222 ; (from Gmelin) View in Reaxys



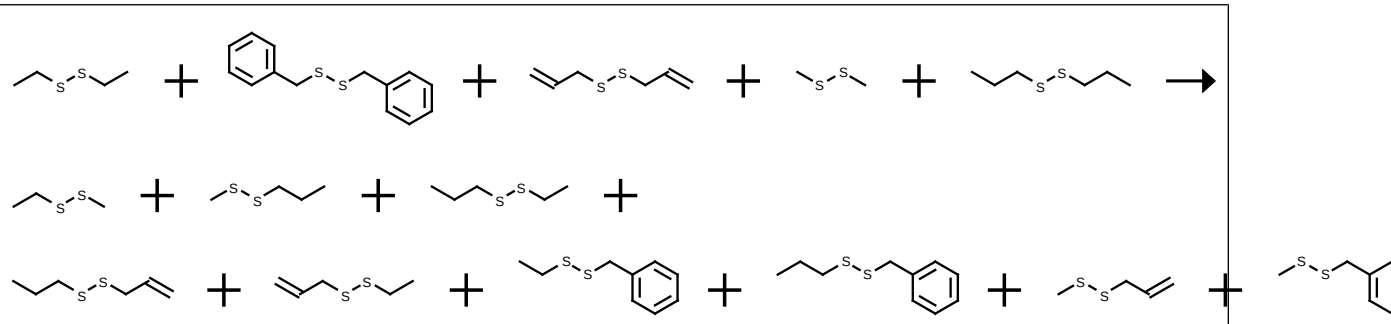
Rx-ID: 27524824 View in Reaxys

Yield	Conditions & References
	in ethanol, Electrochem. Process; by ac electrochemical method on Cu electrode (V=0.20 V, I=0.1 mA) from soln. of Cu salt and ligand in EtOH **Salivon, N. F.; Oliinik, V. V.**; Russian Journal of Coordination Chemistry; **vol.** 32; (2006); p. 208 - 213; Koordinatsionnaya Khimiya; **vol.** 32; (2006); p. 217 - 222 ; (from Gmelin) View in Reaxys



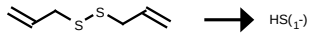
Rx-ID: 1858097 View in Reaxys

Yield	Conditions & References
68 %	**With** N-chloro-succinimide, triethylamine **Ghabrial, Sami S.; Thomsen, I.; Torssell, K. B. G.**; Acta Chemica Scandinavica, Series B: Organic Chemistry and Biochemistry; **vol.** 41; (1987); p. 426 - 434 View in Reaxys



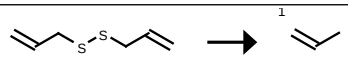
Rx-ID: 28765788 View in Reaxys

Yield	Conditions & References
	With tri-cyclo-hexyl-phosphine **in** dimethyl sulfoxide, T= 20 °C **Caraballo, Remi; Rahm, Martin; Vongvilai, Pornrapee; Brinck, Tore; Ramstroem, Olof**; Chemical Communications (Cambridge, United Kingdom); nb. 48; (2008); p. 6603 - 6605 View in Reaxys



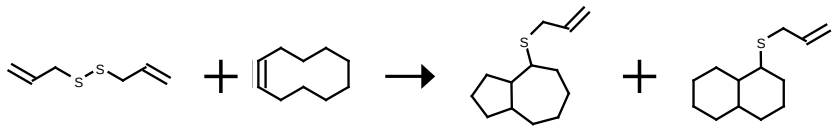
Rx-ID: 26469463 View in Reaxys

Yield	Conditions & References
	by electron impact 0.58 eV, identified in mass spectrum **Jaeger, K.; Henglein, A.**; Z. Naturforsch. a; **vol.** 21; (1966); p. 1251 - 1259 View in Reaxys **vol.** S: SVol.4a/b; 5.11.1, page 487 - 489 ; (from Gmelin) View in Reaxys



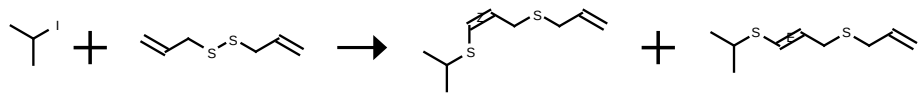
Rx-ID: 1858117 View in Reaxys

Yield	Conditions & References
	T= 750 °C **Maier, Guenther; Reisenauer, Hans Peter; Rohde, Bernhard; Dehnicke, Kurt**; Chemische Berichte; **vol.** 116; nb. 2; (1983); p. 732 - 740 View in Reaxys



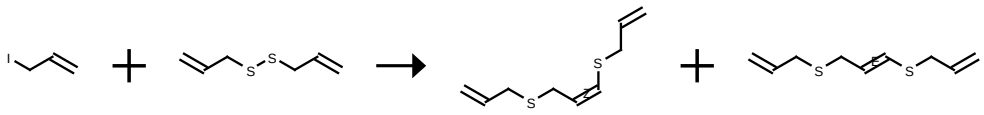
Rx-ID: 29807444 View in Reaxys

Yield	Conditions & References
	UV-irradiation, Inert atmosphere **Tan, Kristine J.; Wille, Uta; White, Jonathan M.**; European Journal of Organic Chemistry; nb. 25; (2010); p. 4902 - 4911 View in Reaxys



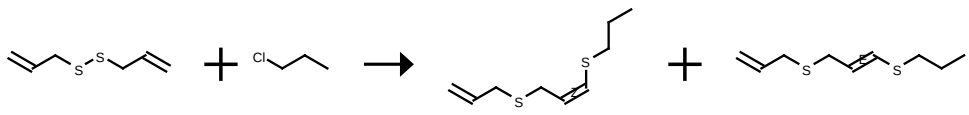
Rx-ID: 1605204 View in Reaxys

Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C , Yield given. Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys



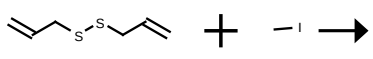
Rx-ID: 1853349 View in Reaxys

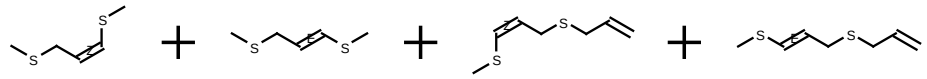
Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C , Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys



Rx-ID: 1858098 View in Reaxys

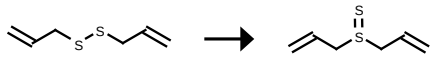
Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C , other propyl halides, Product distribution, Mechanism **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964,856 - 861 View in Reaxys





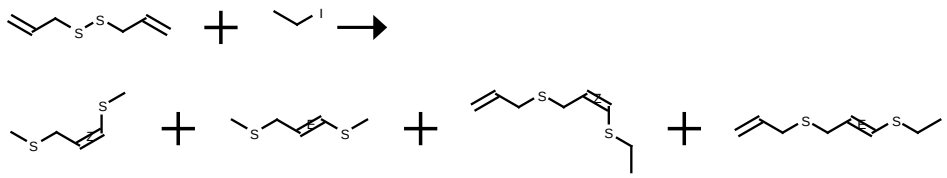
Rx-ID: 3885480 View in Reaxys

Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C , Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 40 °C , Yield given. Title compound not separated from byproducts **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Journal of Organic Chemistry USSR (English Translation); **vol.** 22; nb. 5; (1986); p. 856 - 861; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964 View in Reaxys



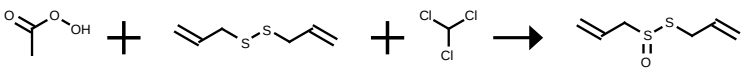
Rx-ID: 11074621 View in Reaxys

Yield	Conditions & References
	in phosphate buffer, Time= 0.5h, T= 37 °C , pH= 7.4, Product distribution **Iciek, Malgorzata; Marcinek, Joanna; Mleczko, Urszula; Wlodek, Lidia**; European Journal of Pharmacology; **vol.** 569; nb. 1-2; (2007); p. 1 - 7 View in Reaxys



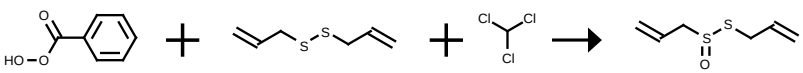
Rx-ID: 2851997 View in Reaxys

Yield	Conditions & References
	With potassium hydroxide **in** dimethyl sulfoxide, Time= 2h, T= 60 °C , other temperatures; other hydroxides; other solvent; other reaction time, Product distribution **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.; Sinegovskaya, L. M.; Trofimov, B. A.**; Zhurnal Organicheskoi Khimii; **vol.** 22; nb. 5; (1986); p. 957 - 964,856 - 861 View in Reaxys



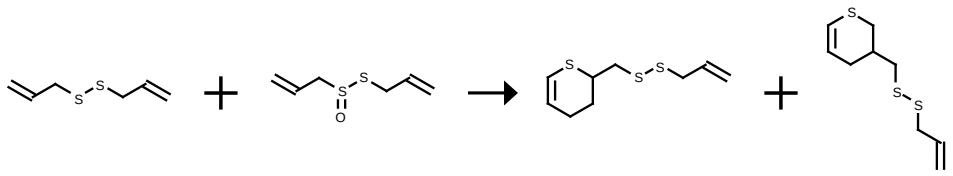
Rx-ID: 63459 View in Reaxys

Yield	Conditions & References
	Small; Bailey; Cavallito; Journal of the American Chemical Society; **vol.** 69; (1947); p. 1711; Journal of the American Chemical Society; **vol.** 71; (1949); p. 3566 View in Reaxys



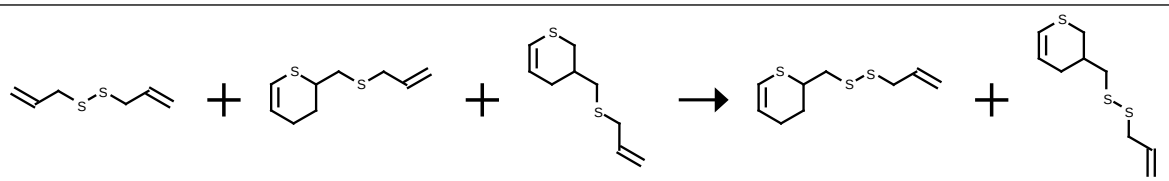
Rx-ID: 103299 View in Reaxys

Yield	Conditions & References
	Small; Bailey; Cavallito; Journal of the American Chemical Society; **vol.** 69; (1947); p. 1711; Journal of the American Chemical Society; **vol.** 71; (1949); p. 3566 View in Reaxys



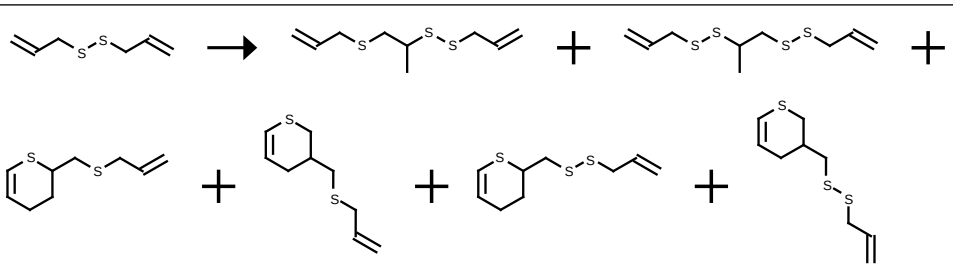
Rx-ID: 1858102 View in Reaxys

Yield	Conditions & References
0.22 % Chromat., 0.26 % Chromat.	Time= 0.25h, T= 100 °C , copyrolysis, Product distribution, Mechanism **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



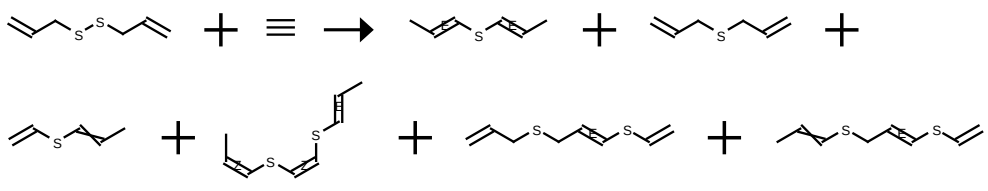
Rx-ID: 1858104 View in Reaxys

Yield	Conditions & References
	Time= 1.5h, T= 150 °C , copyrolysis, Product distribution, Mechanism **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



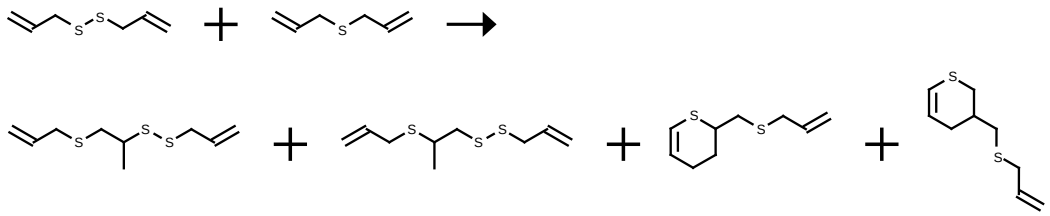
Rx-ID: 1858118 View in Reaxys

Yield	Conditions & References
5 %, 2 %, 2 %, 0.35 %, 0.53 %, 0.35 %	Time= 0.666667h, T= 150 °C , further times and temperatures, Product distribution, Mechanism **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



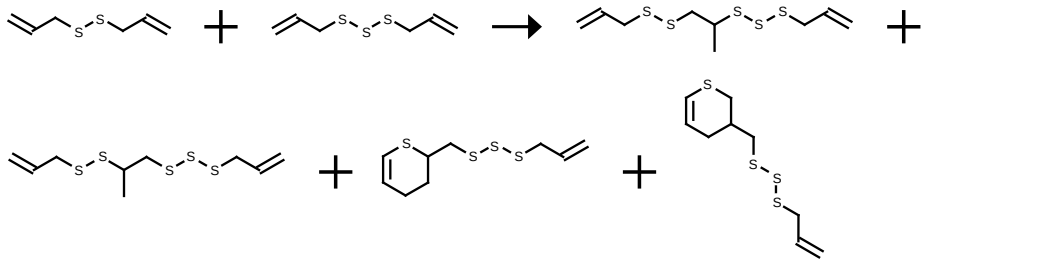
Rx-ID: 3851006 View in Reaxys

Yield	Conditions & References
	With potassium hydroxide, hydroquinone **in** dimethyl sulfoxide, Time= 4h, T= 40 °C , p= 6840 - 13680Torr , other temperatures, times, amount of potassium hydroxide, inhibitors and the conc. of water in DMSO, Product distribution **Amosova, S. V.; Nosyreva, V. V.; Musorin, G. K.; Sigalov, M. V.**; Zhurnal Organicheskoi Khimii; **vol.** 25; nb. 2.1; (1989); p. 270 - 274,239 - 243 View in Reaxys



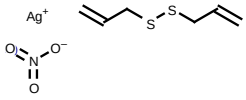
Rx-ID: 1858100 View in Reaxys

Yield	Conditions & References
	Time= 0.0833333h, T= 150 °C , copyrolysis, Product distribution, Mechanism **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



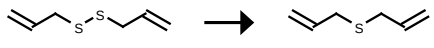
Rx-ID: 1858101 View in Reaxys

Yield	Conditions & References
	Time= 0.0833333h, T= 150 °C , copyrolysis, Product distribution, Mechanism **Block, Eric; Iyer, Rajeshwari; Grisoni, Serge; Saha, Chantu; Belman, Sidney; Lossing, Fred P.**; Journal of the American Chemical Society; **vol.** 110; nb. 23; (1988); p. 7813 - 7827 View in Reaxys



Rx-ID: 8287052 View in Reaxys

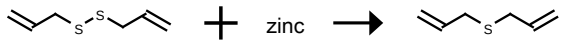
Yield	Conditions & References
	sich raschen **Thomas; Riding**; Journal of the Chemical Society; **vol.** 125; (1924); p. 2463 View in Reaxys



Rx-ID: 177092 View in Reaxys

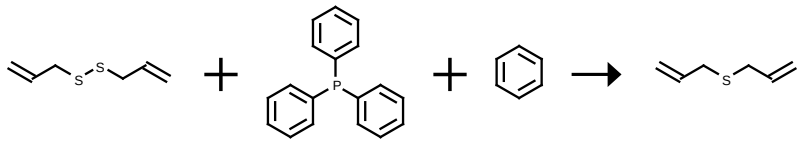
Yield	Conditions & References
	T= 117 °C , Disproportionierung im geschlossenen Gefaess

	Tinjakowa et al.; Zhurnal Obshchei Khimii; **vol.** 25; (1955); p. 1387,1391; engl. Ausg. S. 1333, 1336 View in Reaxys



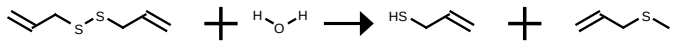
Rx-ID: 6952402 View in Reaxys

Yield	Conditions & References
	T= 120 °C **Challenger; Greenwood**; Journal of the Chemical Society; (1950); p. 26,28, 29 View in Reaxys



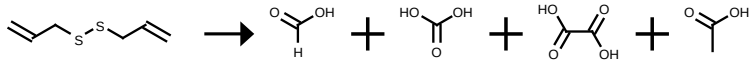
Rx-ID: 737432 View in Reaxys

Yield	Conditions & References
	Challenger; Greenwood; Journal of the Chemical Society; (1950); p. 26,28, 29 View in Reaxys



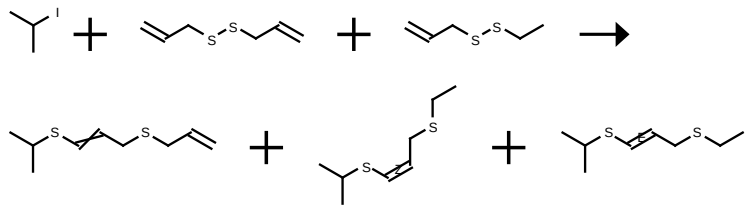
Rx-ID: 6952342 View in Reaxys

Yield	Conditions & References
	unter der Einw. von Penicillium brevicaule **Challenger; Greenwood**; Biochemical Journal; **vol.** 44; (1949); p. 89 View in Reaxys



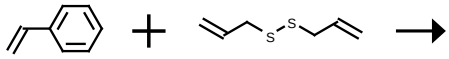
Rx-ID: 7058549 View in Reaxys

Yield	Conditions & References
	Oxydation **Blanksma**; Recueil des Travaux Chimiques des Pays-Bas; **vol.** 20; (1901); p. 127; Recueil des Travaux Chimiques des Pays-Bas; **vol.** 28; (1909); p. 108 View in Reaxys



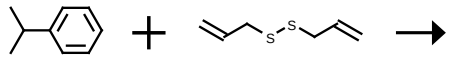
Rx-ID: 1605203 View in Reaxys

Yield	Conditions & References
	With potassium hydroxide, dimethyl sulfoxide, Time= 2h, T= 40 °C , other alkyl allyl disulfide **Amosova, S. V.; Nosyreva, V. V.; Miptakhova, L. M.; Klimchuk, A. F.; Sigalov, M. V.**; Zhurnal Organicheskoi Khimii; **vol.** 28; nb. 8.1; (1992); p. 1569 - 1572,1249 - 1251 View in Reaxys



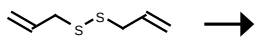
Rx-ID: 28184277 View in Reaxys

Yield	Conditions & References
	With 2,2,5,7,8-pentamethyl-6-hydroxy-chromane, 2,2'-azo-bisisobutyronitrile, oxygen **in** chlorobenzene, T= 30 °C , Kinetics **Amorati, Riccardo; Pedulli, Gian Franco**; Organic and Biomolecular Chemistry; **vol.** 6; nb. 6; (2008); p. 1103 - 1107 View in Reaxys



Rx-ID: 28184279 View in Reaxys

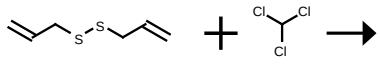
Yield	Conditions & References
	With 2,2,5,7,8-pentamethyl-6-hydroxy-chromane, 2,2'-azo-bisisobutyronitrile, oxygen **in** chlorobenzene, T= 30 °C , Kinetics **Amorati, Riccardo; Pedulli, Gian Franco**; Organic and Biomolecular Chemistry; **vol.** 6; nb. 6; (2008); p. 1103 - 1107 View in Reaxys



Rx-ID: 6749423 View in Reaxys

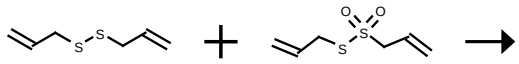
Yield	Conditions & References
	beim Δ m. Triphenylphosphin in Bzl. im Vakuum unter Lichtausschluss auf 80grad od. 140grad sind Triphenylphos-phinsulfid u. Diallylsulfid erhalten worden **Moore,C.G.; Trego,B.R.**; Tetrahedron; **vol.** 18; (1962); p. 205 - 218 View in Reaxys
	Kinetics, d. Rk. m. 2 Mol Triphenylphosphin in Bzl. bei 80grad (S. 210) **Moore,C.G.; Trego,B.R.**; Tetrahedron; **vol.** 18; (1962); p. 205 - 218 View in Reaxys
	Rk. m. n-Butyl-MgCl u. Allyl-MgBr **Jarvie; Skelton**; Journal of Organometallic Chemistry; **vol.** 30; (1971); p. 145,146-150 View in Reaxys
	Radiolyse **Krongauz; Bagdasar'yan**; Doklady Physical Chemistry; **vol.** 130-135; (1960); p. 493; Doklady Akademii Nauk SSSR; **vol.** 132; (1960); p. 1136 View in Reaxys
	Erzeugung v. Allylschwefel-Radikal durch γ-Bestrahlung in Methyltetrahydrofuran-Glas bei -196grad **Wendenburg et al.**; Z. Naturforsch., B: Anorg. Chem., Org. Chem., Biochem., Biophys.,; **vol.** 21; (1966); p. 632 View in Reaxys
	beim laengerem Δ m. Kaliumcyanid in Me. unter Luftabschluss u. unter Druck auf 80grad - > Diallylsulfid **Moore; Trego**; Journal of the Chemical Society; (1962); p. 4205,4207 View in Reaxys
	beim Δ m. Triaethylphosphit unter Lichtabschluss auf 80grad - > Diallylsulfid, Triaethylthiophosphat u. geringe Mengen Allyl-aethyl-sulfid **Moore; Trego**; Journal of the Chemical Society; (1962); p. 4205,4207 View in Reaxys

	Rk. m. Diimid <intermediaer aus p-Toluolsulfonyl-hydrazin durch Δ in Aethylenglykol o. aus Azodicarbonsaeure (i. Orig. 'acetic acid')> - > Propyldisulfid **v.Tamelen et al.**; Journal of the American Chemical Society; **vol.** 83; (1961); p. 4302 View in Reaxys
	Reduktion mit Triphenylphosphin, Kinetik, Geschw.-Konst. **Hoefle,G.; Baldwin,J.E.**; Journal of the American Chemical Society; **vol.** 93; (1971); p. 6307 - 6308 View in Reaxys
	Evans et al.; Chemistry and Industry (London, United Kingdom); (1960); p. 897 View in Reaxys



Rx-ID: 6755006 View in Reaxys

Yield	Conditions & References
	Die Loesung addiert 4 Atome Brom **Thomas; Riding**; Journal of the Chemical Society; **vol.** 125; (1924); p. 2217 View in Reaxys **Blanksma**; Recueil des Travaux Chimiques des Pays-Bas; **vol.** 20; (1901); p. 127; Recueil des Travaux Chimiques des Pays-Bas; **vol.** 28; (1909); p. 108 View in Reaxys

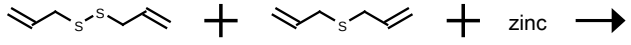


Rx-ID: 6762248 View in Reaxys

Yield	Conditions & References
	T= 20 °C , Austausch eines Allylthiyl-Restes **Grischko; Gur'janowa**; Zhurnal Obshchei Khimii; **vol.** 29; (1959); p. 878,881;engl.Ausg.S.862,865; Chem.Abstr.; (1959); p. 13705 View in Reaxys
	T= 20 °C , Austausch von Allylmercapto-Gruppen **Grischko; Gur'janowa**; Zhurnal Obshchei Khimii; **vol.** 29; (1959); p. 878,881;engl.Ausg.S.862,865; Chem.Abstr.; (1959); p. 13705 View in Reaxys

Rx-ID: 6792710 View in Reaxys

Yield	Conditions & References
	Thomas; Riding; Journal of the Chemical Society; **vol.** 125; (1924); p. 2463 View in Reaxys **Thomas; Jones**; Journal of the Chemical Society; **vol.** 125; (1924); p. 2213 View in Reaxys



Rx-ID: 6796142 View in Reaxys

Yield	Conditions & References
	Blanksma; Recueil des Travaux Chimiques des Pays-Bas; **vol.** 20; (1901); p. 127; Recueil des Travaux Chimiques des Pays-Bas; **vol.** 28; (1909); p. 108 View in Reaxys