



**Catalogue  
of  
Semiochemicals**

## Semiochemicals:

Chemical Compound		CAS
(E)-5-Decen-1-ol	E5-10OH	56578-18-8
(Z)-5-Decen-1-ol	Z5-10OH	51652-47-2
(Z)-3-Decenoic acid	Z3-10Acid	2430-93-5
(E)-3-Decenyl acetate	E3-10Ac	
(Z)-3-Decenyl acetate	Z3-10Ac	81634-99-3
(E)-5-Decenyl acetate	E5-10Ac	38421-90-8
(Z)-5-Decenyl acetate	Z5-10Ac	67446-07-5
(E)-7-Decenyl acetate	E7-10Ac	13856-97-8
(Z)-7-Decenyl acetate	Z7-10Ac	13857-03-9
(E)-8-Decenyl acetate	E8-10Ac	
(Z)-8-Decenyl acetate	Z8-10Ac	
(E)-9-Decenyl acetate	E9-10Ac	
2,6-Dichlorophenol	2cl6cl-phenol	87-65-0
(E,E)-4,8-Dimethyl-4,8-decadien-10-olide	cucujolide I	
4,8-Dimethyldecanal	tribolure	75983-36-7
5,9-Dimethylheptadecane	5me9me-17Hy	108195-53-5
2,6-Dimethyl-1,5-heptadien-3-yl acetate	2me6me-delta1,5-7-3Ac	74902-74-2
(E)-3,9-Dimethyl-6-isopropyl-5,8-decadienyl acetate	3me9me-6-isopropenyl-E5,8-10Ac	72603-87-3
(Z)-3,9-Dimethyl-6-isopropenyl-3,9-decadienyl propionate	3me9me-6-isopropenyl-Z3,9-10-propionate	
(1R,3R)-cis-2,2-Dimethyl-3-isopropenyl-cyclobutanemethanol acetate	planococcyol acetate	28465-10-3
(Z)-3,7-Dimethyl-2,7-octadienyl propionate	3me7me-Z2,7-8-propionate	73214-62-7
1,7-Dioxaspiro[5.5]undecane	olean	180-84-7
(Z,E)-7,9,11-Dodecatrienyl formate	Z7E9,11-12-formate	
(Z,Z,E)-3,6,8-Dodecatrien-1-ol	Z3Z6E8-12OH	19926-63-7
(Z)-7-Dodecen-1-OL	Z7-12OH	20056-92-2
(Z)-9-Dodecen-1-OL	Z9-12OH	
(Z,Z,Z)-3,6,9-Docosatriene	Z3Z6Z9-22Hy	97689-04-8
(Z,E)-5,7-Dodecadienal	Z5E7-12Ald	75983-33-4
(E,Z)-5,7-Dodecadienal	E5Z7-12Ald	75539-65-0
(E,E)-5,7-Dodecadien-1-ol	E5E7-12OH	73416-72-5
(Z,E)-5,7-Dodecadien-1-ol	Z5E7-12OH	73416-71-4
(E,Z)-7,9-Dodecadien-1-ol	E7Z9-12OH	
(Z,E)-8,10-Dodecadien-1-ol	Z8E10-12OH	33956-51-3
(E,E)-8,10-Dodecadien-1-ol	E8E10-12OH	33956-49-9
(E,Z)-5,7-Dodecadien-1-ol	E5Z7-12OH	71510-51-5
(Z,Z)-3,6-Dodecadien-11-olide	cucujolide IV	
(E,Z)-7,9-Dodecadienyl acetate	E7Z9-12Ac	54364-62-4
(E)-9,11-Dodecadienyl acetate	E9,11-12Ac	50767-78-7
(E,E)-7,9-Dodecadienyl acetate	E7E9-12Ac	54364-63-5

Heptan-2-one	7-2Kt	110-43-0
1,7-Heptanediol	1,7-heptanediol	629-30-1
(E,Z)-6,11-Hexadecadienal	E6Z11-16Ald	58701-06-7
(Z,Z)-7,11-Hexadecadienal	Z7Z11-16Ald	96883-54-4
(Z,E)-9,11-Hexadecadienal	Z9E11-16Ald	
(E,E)-10,12-Hexadecadienal	E10E12-16Ald	69977-24-8
(E,Z)-10,12-Hexadecadienal	E10Z12-16Ald	69977-23-7
(Z,Z)-11,13-Hexadecadienal	Z11Z13-16Ald	71317-73-2
(Z,Z)-7,11-Hexadecadienal	Z7Z11-16Ald	96883-54-4
(E,Z)-9,11-Hexadecadienal	E9Z11-16Ald	74728-46-4
(Z,E)-7,11-Hexadecadien-1-ol	Z7E11-16OH	53963-06-7
(Z,Z)-7,11-Hexadecadien-1-ol	Z7Z11-16OH	53963-09-0
(E,E)-10,12-Hexadecadien-1-ol	E10E12-16OH	765-19-5
(E,Z)-10,12-Hexadecadien-1-ol	E10Z12-16OH	1002-94-4
(E,Z)-6,11-Hexadecadienyl acetate	E6Z11-16Ac	58701-05-6
(Z,Z)-7,11-Hexadecadienyl acetate	Z7Z11-16Ac	52207-99-5
(Z,E)-7,11-Hexadecadienyl acetate	Z7E11-16Ac	51606-94-4
Hexadecanal	16Ald	629-80-1
(Z,Z,E)-7,11,13-Hexadecatrina	Z7Z11E13-16Ald	
(E,Z,Z)-4,6,10-Hexadecatrien-1-ol	E4Z6Z10-16OH	101373-00-6
(Z)-5-Hexadecenal	Z5-16Ald	
(Z)-7-Hexadecenal	Z7-16Ald	56797-40-1
(E)-9-Hexadecenal	E9-16Ald	
(Z)-9-Hexadecenal	Z9-16Ald	56219-04-6
(E)-10-Hexadecenal	E10-16Ald	
(E)-11-Hexadecenal	E11-16Ald	57491-33-5
(Z)-11-Hexadecenal	Z11-16Ald	53939-28-9
(Z)-13-Hexadecenal	Z13-16Ald	
Hexadecan-1-ol	16OH	36653-82-4
(E)-7-Hexadecen-1-ol	E7-16OH	
(Z)-7-Hexadecen-1-ol	Z7-16OH	24880-48-6
(E)-9-Hexadecen-1-ol	E9-16OH	64437-47-4
(Z)-9-Hexadecen-1-ol	Z9-16OH	10378-01-5
(E)-11-Hexadecen-1-ol	E11-16OH	61301-56-2
(Z)-11-Hexadecen-1-ol	Z11-16OH	56683-54-6
Hexadecyl acetate	16Ac	629-70-9
(Z)-3-Hexadecenyl acetate	Z3-16Ac	
(E)-4-Hexadecenyl acetate	E4-16Ac	
(Z)-5-Hexadecenyl acetate	Z5-16Ac	56218-65-6
(E)-6-Hexadecenyl acetate	E6-16Ac	56218-66-7
(E)-7-Hexadecenyl acetate	E7-16Ac	
(Z)-7-Hexadecenyl acetate	Z7-16Ac	23192-42-9
(E)-8-Hexadecenyl acetate	E8-16Ac	
(Z)-8-Hexadecenyl acetate	Z8-16Ac	
(E)-9-Hexadecenyl acetate	E9-16Ac	56218-69-0
(Z)-9-Hexadecenyl acetate	Z9-16Ac	34010-20-3
(Z)-10-Hexadecenyl acetate	Z10-16Ac	56218-71-4
(E)-11-Hexadecenyl acetate	E11-16Ac	56218-72-5
(Z)-11-Hexadecenyl acetate	Z11-16Ac	34010-21-4
(Z)-12-Hexadecenyl acetate	Z12-16Ac	64789-90-8
(E)-13-Hexadecenyl acetate	E13-16Ac	69282-67-3
(Z)-13-Hexadecenyl acetate	Z13-16Ac	56218-74-7
(Z)-13-Hexadecen-11-yn-1-ol acetate	Y11Z13-16Ac	78617-58-0

(Z)-2-Hexenal	Z2-6Ald	16635-54-4
5-Hexyn-1-ol	5-Hexyn-1-ol	928-90-5
4-Hydroxyphenyl-2-butanone	4-hydroxyphenyl-2-butanone	
(Z)-7-Heneicosene	Z7-21Hy	121230-25-9
2-Methyl-6-methylene-2,7-octadien-4-ol	ipsdienol	35628-00-3
2-Methyl-6-methylene-7-octen-4-ol	ipsenol	35628-05-8
Japonilure-R	(R)-(Z)-5-(Dec-1-enyl)-oxacyclopentan-2-one	64726-91-6
Japonilure-S	(S)-(Z)-5-(Dec-1-enyl)-oxacyclopentan-2-one	
2-Methylbutyl decanoate	2me-butyl decanoate	68067-33-4
(S)-1-Methylbutyl (E)-2-methyl-2-pentenoate	S-dominicalure-1	
(S)-1-Methylbutyl (E)-2,4-dimethyl-2-pentenoate	S-dominicalure-2	
3-Methyl-2-cyclohexen-1-ol	seudenol	21378-21-2
3-Methyl-2-cyclohexen-1-one	seudenone	1193-18-6
8-Methyldecan-2-yl propionate	8me-10-propionate	
(10R)-10-Methyl dodecyl acetate	10Rme-12Ac	71777-34-9
1-Methylethyl (E,E)-2,4-dimethyl-2,4-heptadienoate	trun-call 2	
Methyl eugenol	1,2-Dimethoxy-4-(2-propenyl)-benzene	93-15-2
2-Methylheptadecane	2me-17Hy	1560-89-0
4-Methylheptan-3-ol	4me-heptan-3-ol	14979-39-6
6-Methyl-5-hepten-2-one	sulcatone	110-93-0
6-Methyl-5-hepten-2-ol	sulcatol	1569-60-4
(E)-14-Methyl-8-hexadecenal	E-trogodermal	
(Z)-14-Methyl-8-hexadecenal	Z-trogodermal	60609-53-2
(Z)-14-Methyl-8-hexadecen-1-ol	Z8-14me-16OH	
7-Methylene-4-isopropyl-12-oxa-tricyclo[4.4.2.0 <sup>1,5</sup> ]-9-dodecen-2-one	periplanone-A	
3-Methylene-7-methyl-7-octenyl propionate	3-methylene7me-delta7-8-propionate	73214-63-8
(E,E)-1-Methyl-5-methylene-8-(1-methylethyl)-1,6-cyclodecadiene	germacrene D	23986-74-5
2-Methyl-6-methylene-7-octen-4-ol	ipsenol	35628-05-8
2-Methyl-6-methylene-2,7-octadien-4-ol	ipsdienol	54809-53-9
7-Methyl-3-methylene-1,6-octadiene	myrcene	123-35-3
(Z)-3-Methyl-6-isopropenyl-3,9-decadienyl acetate	3me-6-isopropenyl-Z3,9-10Ac	66348-55-8
3-Methyl-6-isopropenyl-9-decenyl acetate	3me-6-isopropenyl-delta9-10Ac	64309-03-1
1-Methylethyl (E)-2-methyl-2-pentenoate	trun-call 1	
(14S)-14-Methyl-1-octadecene	14Sme-1-18Hy	
2-Methyl-(Z)-7-octadecene	2me-Z7-18Hy	35354-39-3
(E)-2-(4-Methyl-3-pentenylidene)-butanedial	beta-acaridial	
Methyl 4-methylpyrrole-2-carboxylate	me-4me-pyrrole-2-carboxylate	34402-78-3
(10R)-10-Methyltridecan-2-one	10Rme-13-2Kt	
Alpha-multistriatin	2,4-Dimethyl-5-ethyl-6,8-dioxabicyclo[3.2.1]octane	59014-03-8
Muscalure	Z-9-Tricosene	
Myrcene	7-Methyl-3-methylene-1,6-octadiene	123-35-3
NEROLIDOL-E	(E)-3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol	7212-44-4
NEROLIDOL-Z	(Z)-3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol	142-50-7
Nonacosane	29Hy	630-03-5
(Z)-9-Nonacosene	Z9-29Hy	
(Z)-13-Nonacosene	Z13-29Hy	58305-78-5
(Z)-14-Nonacosene	Z14-29Hy	54863-80-8
(Z,Z,Z)-3,6,9-Nonadecatriene	Z3Z6Z9-19Hy	89353-62-8
(Z)-9-Nonadecene	Z9-19Hy	51865-02-2

<b>(Z)-7-Nonadecen-11-one</b>	Z7-19-11Kt	63408-45-7
<b>(Z)-12-Nonadecen-9-one</b>	Z12-19-9Kt	63408-51-5
<b>Nonanal</b>	9Ald	124-19-6
<b>Nonan-1-ol</b>	9OH	143-08-8
<b>(Z)-6-Nonenal</b>	Z6-9Ald	2277-19-2
<b>(E,Z)-3,13-Octadecadien-1-ol</b>	E3Z13-18OH	66410-24-0
<b>(Z,Z)-3,13-Octadecadien-1-ol</b>	Z3Z13-18OH	66410-28-4
<b>(E,Z)-2,13-Octadecadienyl acetate</b>	E2Z13-18Ac	86252-65-5
<b>(Z,E)-2,13-Octadecadienyl acetate</b>	Z2E12-18Ac	
<b>(Z,Z)-2,13-Octadecadienyl acetate</b>	Z2Z13-18Ac	86252-74-6
<b>(E,E)-3,13-Octadecadienyl acetate</b>	E3E13-18Ac	57491-34-6
<b>(E,Z)-3,13-Octadecadienyl acetate</b>	E3Z13-18Ac	53120-26-6
<b>(Z,E)-3,13-Octadecadienyl acetate</b>	Z3E13-18Ac	57491-35-7
<b>(Z,Z)-3,13-Octadecadienyl acetate</b>	Z3Z13-18Ac	53120-27-7
<b>(Z,Z,Z)-3,6,9-Octadecatriene</b>	Z3Z6Z9-18Hy	72561-88-7
<b>(Z)-11-Octadecenal</b>	Z11-18Ald	56554-95-1
<b>(E)-13-Octadecenal</b>	E13-18Ald	56554-90-6
<b>(Z)-13-Octadecenal</b>	Z13-18Ald	58594-45-9
<b>(Z)-9-Octadecen-1-ol</b>	Z9-18OH	143-28-2
<b>(Z)-11-Octadecen-1-ol</b>	Z11-18OH	62803-19-4
<b>(E)-13-Octadecen-1-ol</b>	E13-18OH	
<b>(Z)-13-Octadecen-1-ol</b>	Z13-18OH	69820-27-5
<b>(E)-3-Octadecenyl acetate</b>	E3-18Ac	
<b>(Z)-3-Octadecenyl acetate</b>	Z3-18Ac	
<b>(E)-9-Octadecenyl acetate</b>	E9-18Ac	
<b>(Z)-9-Octadecenyl acetate</b>	Z9-18Ac	693-80-1
<b>(E)-11-Octadecenyl acetate</b>	E11-18Ac	
<b>(Z)-11-Octadecenyl acetate</b>	Z11-18Ac	1775-43-5
<b>(E)-13-Octadecenyl acetate</b>	E13-18Ac	60037-58-3
<b>(Z)-13-Octadecenyl acetate</b>	Z13-18Ac	60037-58-3
<b>(E)-15-Octadecenyl acetate</b>	E15-18Ac	
<b>(Z)-15-Octadecenyl acetate</b>	Z15-18Ac	
<b>3-Octanone</b>	3-Octanone	106-68-3
<b>(Z)-9-Pentacosene</b>	Z9-25Hy	69188-47-2
<b>(E)-2-Pentenal</b>	E2-5Ald	1576-87-0
<b>Periplanone-B</b>	(1Z,5E)-1,10(14)-Diepoxy-4(15),5-germacradien-9-one	61228-92-0
<b>Phenethyl propionate</b>	Phenethyl propionate	122-70-3
<b>Serricornin</b>	7-Hydroxy-4,6-dimethylnonan-3-one	72598-35-7
<b>4S6S7S-Serricornin</b>	(4S,6S,7S)-7-Hydroxy-4,6-dimethylnonan-3-one	72522-40-8
<b>Sulcatol</b>	6-Methyl-5-hepten-2-ol	1569-60-4
<b>(E,Z)-8,10-Tetradecadienal</b>	E8Z10-14Ald	247167-79-9
<b>(Z,Z)-9,11-Tetradecadienal</b>	Z9Z11-14Ald	
<b>(Z,E)-9,12-Tetradecadienal</b>	Z9E12-14Ald	87092-33-9
<b>(E,Z)-3,5-Tetradecadienoic acid</b>	megatomoic acid	17022-64-9
<b>(Z,E)-9,11-Tetradecadien-1-ol</b>	Z9E11-14OH	63025-02-5
<b>(Z,E)-9,12-Tetradecadien-1-ol</b>	Z9E12-14OH	51937-00-9
<b>(Z,Z)-5,8-(11R)-Tetradecadien-13-olide</b>	R-cucujolide V	
<b>(Z,E)-3,5-Tetradecadienyl acetate</b>	Z3E5-14Ac	61360-84-7
<b>(E,E)-9,11-Tetradecadienyl acetate</b>	E9E11-14Ac	30562-09-5
<b>(Z,E)-9,11-Tetradecadienyl acetate</b>	Z9E11-14Ac	50767-79-8

(Z,E)-9,12-Tetradecadienyl acetate	Z9E12-14Ac	30507-70-1
(Z,Z)-9,12-Tetradecadienyl acetate	Z9Z12-14Ac	51354-22-4
(E,E)-10,12-Tetradecadienyl acetate	E10E12-14Ac	69775-61-7
Tetradecanal	14Ald	124-25-4
Tetradecan-1-ol	14OH	112-72-1
(E,Z)-3,8-Tetradecadienyl acetate	E3Z8-14Ac	
(E,Z,Z)-3,8,11-Tetradecatrienyl acetate	E3Z8Z11-14Ac	
(E,Z)-3,5-Tetradecadienyl acetate	E3Z5-14Ac	60754-63-4
(E,Z)-4,10-Tetradecadienyl acetate	E4Z10-14Ac	
(Z)-7-Tetradecenal	Z7-14Ald	65128-96-3
(Z)-9-Tetradecenal	Z9-14Ald	53939-27-8
(E)-11-Tetradecenal	E11-14Ald	35746-21-5
(Z)-11-Tetradecenal	Z11-14Ald	35237-64-0
(Z)-9-Tetradecenoic acid	Z9-14Acid	544-64-9
(E)-5-Tetradecen-1-ol	E5-14OH	62936-14-5
(Z)-5-Tetradecen-1-ol	Z5-14OH	40642-42-0
(E)-7-Tetradecen-1-ol	E7-14OH	37011-95-3
(Z)-7-Tetradecen-1-ol	Z7-14OH	40642-43-1
(E)-7-Tetradecen-2-one	E7-14-2Kt	146955-45-5
(Z)-7-Tetradecen-2-one	Z7-14-2Kt	
(Z)-8-Tetradecen-1-ol	Z8-14OH	64470-32-2
(Z)-9-Tetradecen-1-ol	Z9-14OH	35153-15-2
(E)-11-Tetradecen-1-ol	E11-14OH	35153-18-5
(Z)-11-Tetradecen-1-ol	Z11-14OH	34010-15-6
Tetradecyl acetate	14Ac	638-59-5
(E)-3-Tetradecenyl acetate	E3-14Ac	54897-65-3
(Z)-3-Tetradecenyl acetate	Z3-14Ac	56221-90-0
(Z)-5-Tetradecenyl acetate	Z5-14Ac	35153-13-0
(E)-6-Tetradecenyl acetate	E6-14Ac	39650-10-7
(Z)-6-Tetradecenyl acetate	Z6-14Ac	39650-11-8
(E)-7-Tetradecenyl acetate	E7-14Ac	16974-33-7
(Z)-7-Tetradecenyl acetate	Z7-14Ac	16974-10-0
(E)-8-Tetradecenyl acetate	E8-14Ac	54897-69-7
(Z)-8-Tetradecenyl acetate	Z8-14Ac	35835-80-4
(E)-9-Tetradecenyl acetate	E9-14Ac	23192-82-7
(Z)-9-Tetradecenyl acetate	Z9-14Ac	16725-53-4
(E)-10-Tetradecenyl acetate	E10-14Ac	
(Z)-10-Tetradecenyl acetate	Z10-14Ac	35153-16-3
(E)-11-Tetradecenyl acetate	E11-14Ac	33189-72-9
(Z)-11-Tetradecenyl acetate	Z11-14Ac	20711-10-8
(E)-12-Tetradecenyl acetate	E12-14Ac	35153-21-0
(Z)-12-Tetradecenyl acetate	Z12-14Ac	35153-20-9
(Z)-13-Tetradecenyl acetate	Z13-14Ac	56221-91-1
(E)-9-Tetradecenyl formate	E9-14-formate	
(Z)-9-Tetradecenoic acid	Z9-14Acid	544-64-9
(Z)-7-Tricosen-11-one	Z7-23-11Kt	68728-61-0
(Z)-9-Tricosene	Z9-23Hy	27519-02-4
(E,Z)-4,7-Tridecadienyl acetate	E4Z7-13Ac	57981-60-9
(E,Z,Z)-4,7,10-Tridecatrienyl acetate	E4Z7Z10-13Ac	61188-11-2
(E)-4-Tridecenyl acetate	E4-13Ac	72269-48-8
(Z)-4-Tridecenyl acetate	Z4-13Ac	65954-19-0
(Z)-7-Tridecen-2-one	Z7-13-2Kt	

<b>(E)-8-Tridecenyl acetate</b>	E8-13Ac	60198-15-4
<b>(Z)-8-Tridecenyl acetate</b>	Z8-13Ac	64437-30-5
<b>(Z)-9-Tridecenyl acetate</b>	Z9-13Ac	35835-78-0
<b>(Z)-10-Tridecenyl acetate</b>	Z10-13Ac	64437-24-7
<b>(E)-11-Tridecenyl acetate</b>	E11-13Ac	
<b>Trimedlure</b>	tert-Butyl 4-(and 5)-chloro-trans-2-methylcyclohexanecarboxylate	
<b>3,3,7-Trimethyl-2,9-dioxatricyclo[3.3.1.0<sup>4,7</sup>]nonane</b>	lineatin	65035-34-9
<b>(Z,E)-3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol</b>	Z,E-farnesol	3790-71-4
<b>(E)-3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol</b>	trans-nerolidol	7212-44-4
<b>(Z)-3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol</b>	cis-nerolidol	142-50-7
<b>Undecanal</b>	11Ald	112-44-7
<b>(E)-2-Undecenal</b>	E2-11Ald	53448-07-0
<b>(E)-2-Undecen-1-ol</b>	E2-11OH	75039-84-8
<b>(Z)-7-Undecenyl acetate</b>	Z7-11Ac	52957-18-3
<b>(Z)-5-Undecanoic acid</b>	Z5-11Acid	67270-85-3
<b>(E)-5-Undecanoic acid</b>	E5-11Acid	62472-76-8
<b>Z3-dodecenyl E2-butenate</b>	Z3-dodecenyl E2-butenate	104086-73-9
<b>(2S,3R)-1-Ethylpropyl 2-methyl-3-hydroxypentanoate</b>	Sitophilate	114715-56-9
<b>(4S,5R)-5-Hydroxy-4-methylheptan-3-one</b>	Sitophinone	115014-45-4