

Compound Index

September 2005—August 2006

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2-(Dimethylaminomethylene)-3-oxo-butanoic acid, {1,2,3,4-C-13(4)}, ethyl ester	2006	49	2	139–145
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<i>E</i> -3,7-Dimethyl-6,7-epoxy-2-octen-1-ol, [1,1-H-2(2)]	2006	49	1	47–54
(-)-{(<i>R</i> , <i>R</i>)-2-(Dimethylamino)cyclohexyl}dimethyl ([H-2(3)]-methyl)ammonium iodide	2006	49	2	153–161
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Dimethyl [U-C-14]-isosorbide	2006	49	4	333–337
3-{(Diphenylphosphorylmethyl)-4-{4-fluorophenyl}-2,6-diisopropyl-5-([H-2(3)]-methoxymethyl)-pyridine	2006	49	4	311–319
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Enterolactone, multiple [C-13]	2005	48	13	951–969
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Ethyl 2-(phenylsulfonyl)propionate, [2-C-13]	2006	49	5	445–453
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FECNT, [F-18]	2005	48	13	929–940
FESB, [F-18]	2005	48	13	983–996
<i>N</i> ² -(9-Fluorenylmethoxycarbonyl)- <i>O</i> -(3,4,6-tri- <i>O</i> -acetyl-2-deoxy-2-fluoro-D-glucopyranosyl)-L-serine, [F-18]	2005	48	10	701–719
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2-Fluoroadenosine, [F-18]	2006	49	9	811–815
4-Fluorobenzaldehyde, [F-18]	2005	48	10	749–758
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4-Fluorobenzoic acid, [F-18]	2006	49	3	269–283
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1-[2-(4-Fluorobenzoylamino)ethyl]-4-(7-methoxynaphthyl)-piperazine, <i>also</i> S-14506, [C-11] <i>or</i> [F-18]	2005	48	13	971–981
<i>N</i> -(4-Fluorobenzoyl)-idarubicin, [F-18]	2005	48	11	819–827
1-[2-(4-Fluorobenzoylamino)ethyl]-4-(7-methoxynaphthyl)-piperazine, [C-11] <i>or</i> [F-18]	2005	48	13	971–981
4-Fluorobenzyl ethers, [F-18]	2006	49	9	745–755
8-(<i>E</i> -4-Fluorobut-2-enyl)-3β-(4-methylphenyl)-8-azabicyclo-[3.2.1]-octane-2β-carboxylic acid, [F-18], methyl ester, <i>also</i> LBT-999	2006	49	8	687–698
<i>N</i> -{4-(2-Fluorocarboethoxy)-1-(2-phenylethyl)-piperidin-4-yl)- <i>N</i> -phenylpropanamide, [F-18]	2005	48	10	771–779
<i>N</i> -{4-(3-Fluorocarboxypropoxy)-1-(2-phenylethyl)-piperidin-4-yl)- <i>N</i> -phenylpropanamide, [F-18]	2005	48	10	771–779
1-(2'-Fluoroethoxy)-2,5- <i>bis</i> -(4'-methoxystyryl)benzene, <i>also</i> FESB, [F-18]	2005	48	13	983–996
2-{4-(2-(2-Fluoroethoxy)phenyl)piperazin-1-ylmethyl}-indole-5-carbonitrile, [F-18]	2006	49	1	55–70
2-{4-(4-(2-Fluoroethoxy)phenyl)piperazin-1-ylmethyl}-indole-5-carbonitrile, [F-18]	2006	49	1	55–70
2-Fluoroethyl arylsulfonates, [F-18], as radio-fluoroethylating agents	2005	48	10	735–747
(2-Fluoroethyl)-4-nitrophenyl ether, [F-18]	2005	48	10	735–747
2-Fluoroethyl tosylate, [F-18]	2006	49	1	55–70

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2- <i>exo</i> -{2'-([F-18]-Fluoro)-3'-(4-fluorophenyl)-pyridin-5'-yl}-7-azabicyclo[2.2.1]heptane	2006	49	6	489–504
Fluorohalogenomethanes, [F-18], automated procedure	2006	49	1	17–31
3-Fluoro-1-iodopropane	2005	48	10	771–779
<i>N</i> -3-{2-([F-18]-Fluoromethoxy)-5-(5-trifluoromethyl-tetrazolyl)benzyl}-(2 <i>S</i> ,3 <i>S</i>)-2-phenyl-3-aminopiperidine	2006	49	1	17–31
Fluoromisonidazole, [F-18]	2005	48	12	923–927
3-Fluoro-1-(2'-nitro-1'-imidazolyl)-2-propanol, [F-18]	2005	48	12	923–927
(3 <i>R</i> ,5 <i>S</i>)-6-{ <i>E</i> -{4-(4-Fluorophenyl)-2,6-diisopropyl-5-([H-2(3)]-methoxymethyl)-pyridin-3-yl}-3,5-dihydroxyhept-6-enoate, sodium salt, <i>also Cerivastatin</i>	2006	49	4	311–319
{4-(4-Fluorophenyl)-2,6-diisopropyl-5-([H-2(3)]-methoxymethyl)-pyridin-3-yl}methanol, <i>and</i> bromide	2006	49	4	311–319
(4 <i>R</i> ,6 <i>S</i>)-6-{ <i>E</i> -{4-(4-Fluorophenyl)-2,6-diisopropyl-5-([H-2(3)]-methoxymethyl)-vinyl}-2,2-dimethyl-1,3-dioxan-4-yl}-acetic acid, <i>t</i> -butyl ester	2006	49	4	311–319
2-(4 <i>R</i> ,6 <i>S</i>)-6-{ <i>E</i> -{4-(4-Fluorophenyl)-2,6-diisopropyl-5-([H-2(3)]-methoxymethyl)-vinyl}-4-hydroxytetrahydro-pyran-2-one	2006	49	4	311–319
5-(4-Fluorophenyl)-10,15,20- <i>tris</i> (3-methoxyphenyl)-porphyrin, [F-18]	2005	48	10	749–758
<i>N</i> -(3-Fluoropropyl)-2 β -carbomethoxy-3 β -(4-iodophenyl)-nortropane, [F-18]	2006	49	2	77–89
5-Fluoro-2-pyridinamine, [F-18]	2006	49	4	345–356
6-Fluoro-2-pyridinamine, [F-18]	2006	49	4	345–356
2-Fluoropyridine-4-carbohydrazide folate, [F-18]	2006	49	2	125–137
2-Fluoro-4-pyridinecarboxylate, [F-18], ethyl ester	2006	49	2	125–137
FMXU, [F-18]	2005	48	13	941–950
Formaldehyde, [H-2(2); C-13(1)]	2006	49	7	603–613
FP- β -CIT, [F-18]	2006	49	2	77–89
FPVC, [C-11]	2006	49	5	459–462
G				
Geraniol <i>and</i> diphosphate, [1,1,7,7,7,8,8,8-H-2(8)]	2006	49	1	47–54
Gluconasturtiin, [<i>phenyl</i> -H-2(5)]	2005	48	12	897–907
4'- <i>O</i> - β -D-Glucopyranosylferulic acid, [1,2-C-13(2)]	2006	49	5	463–470
(2 <i>S</i> ,3 <i>S</i> ,4 <i>S</i>)-Glutamic acid, [3,4-H-2(2)]	2006	49	3	229–235
L-Glutamic acid, [4-C-13] <i>and</i> 5-methyl ester	2006	49	5	445–453
L-Glutamine, [4-C-13]	2006	49	5	445–453
Glycyl-L-2-methylprolyl-L-([1,2,3,4,5-C-13(5); 2-N-15(1)]-glutamic acid	2006	49	6	571–581
Glycyl-L-prolyl-L-([1,2,3,4,5-C-13(5); 2-N-15(1)]-glutamic acid	2006	49	6	571–581
H				
H ₃ -Receptor antagonists, [C-14]	2005	48	14	1025–1030
2-(2-Hydroxy-5-chlorophenyl)-6-iodo-4(3 <i>H</i>)quinazolinone, [I-125] <i>and</i> [I-127]	2006	49	9	773–788
7-Hydroxy-3,4-dihydroquinolin-2(1 <i>H</i>)-one, [4-C-14(1)]	2006	49	1	1–9
20-Hydroxyeicosa-5 <i>Z</i> ,8 <i>Z</i> ,11 <i>Z</i> ,14 <i>Z</i> -tetraenoic acid <i>and</i> methyl ester, [20,20-H-3(2)]	2006	49	3	245–252

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(1 <i>R</i> ,3 <i>aR</i> ,7 <i>aR</i>)-1-{5-Hydroxy-1-(4-hydroxy-4-methylpentyl)-5-methylhexyl}-7 <i>a</i> -methyloctahydroinden-4-one, [3 <i>a</i> ,5-H-3(3)]	2005	48	14	1013–1023
(1 <i>R</i> ,3 <i>R</i>)-5-{2-[(1 <i>R</i> ,3 <i>aR</i> ,7 <i>aR</i>)-1-{5-Hydroxy-1-(4-hydroxy-4-methylpentyl)-5-methylhexyl}-7 <i>a</i> -methyl-4 <i>Z</i> -octahydroinden-4-ylidene]ethylidene}-cyclohexane-1,3-diol, [3 <i>a</i> ,5,5-H-3(3)]	2005	48	14	1013–1023
12-Hydroxyjasmonic acid <i>and</i> methyl ester, [2-H-2(2)]	2005	48	11	797–809
6-Hydroxynicotinic acid, [N-15]	2006	49	3	305–310
{2-[(2 <i>Z</i>)-5-Hydroxypent-2-en-1-yl]-3-oxocyclopentyl}-acetic acid, [1-H-2(2)], <i>and</i> methyl ester	2005	48	11	797–809
1-Hydroxy-3-phenylurea, [C-11]	2006	49	5	429–436
2-(2-Hydroxyphenyl)-6-iodo-4(3 <i>H</i>)quinazolinone, [I-125] <i>and</i> [I-127]	2006	49	9	773–788
2-(4-Hydroxyphenyl)-6-iodo-4(3 <i>H</i>)quinazolinone, [I-125] <i>and</i> [I-127]	2006	49	9	773–788
<i>N</i> -Hydroxy- <i>N'</i> -phenyloctan-1,8-dioic acid diamine, [<i>phenyl</i> -C-14]	2006	49	5	437–443
3-(4-Hydroxyphenyl)-1-(2,4,6-trihydroxyphenyl)propan-1-one, {2,2,3,3-H-2(4)}	2006	49	6	479–487
7-Hydroxyquinolin-2(1 <i>H</i>)-one, [4-C-14(1)]	2006	49	1	1–9
Hydroxyurea, [C-11]	2006	49	5	429–436
I				
(<i>R</i>)-Ibuprofen, [α -C-14(1)] <i>and</i> [H-3(2)]	2006	49	3	237–244
ICI 89,406, [<i>O</i> -methyl-C-11]	2005	48	10	721–733
Imidacloprid, [N-15]	2006	49	3	305–310
Indole, [<i>phenyl</i> -C-14]	2006	49	7	615–622
5-Iodo-2'-deoxyuridine, [I-125]	2006	49	9	773–788
6-Iodo-2-{4-[<i>N</i> -(2-fluoroethyl)methylamino]phenyl}-imidazo-[1,2- <i>a</i>]pyridine, [F-18]	2005	48	10	735–747
2-Iodo-1'-methoxybenzo[4',3':16,17]-estra-1,3,5(10),16-tetraene-3-ol, [I-125]	2006	49	6	559–569
4-Iodo-1'-methoxybenzo[4',3':16,17]-estra-1,3,5(10),16-tetraene-3-ol, [I-125]	2006	49	6	559–569
5-Iodo-8-methyl-8 <i>H</i> -quino[4,3,2- <i>k</i>]acridine, [I-125]	2006	49	9	773–788
2-Iodo-8 <i>H</i> -quinazolinone, [I-125] <i>and</i> [I-127]	2006	49	9	773–788
Indole, [4',5',6',7'-H-2(4)]	2006	49	1	33–45
3-Indolylacetaldoxime, [4',5',6',7'-H-2(4)]	2006	49	1	33–45
3-Indolylacetonitrile, [4',5',6',7'-H-2(4)]	2006	49	1	33–45
(<i>S</i>)-2-{4-[2-(3-(Indol-4-yloxy)-2-hydroxypropylamino)-2-methylpropyl]-phenoxy}-pyridine-5-carboxamide, [<i>carbonyl</i> -C-14]	2006	49	8	663–673
(<i>S</i>)-2-{4-[2-(3-(Indol-4-yloxy)-2-hydroxypropylamino)-2-methylpropyl]-phenoxy}-5-cyanopyridine, [<i>ciano</i> -C-14]	2006	49	8	663–673
Iressa, 4-fluorobenzoyl, [F-18]	2005	48	11	829–843
Iridium catalyst for tritiation	2006	49	7	623–634
(<i>R</i>)-2-(4-Isobutylphenyl)-propionic acid, [α -C-14(1)]	2006	49	3	237–244
(<i>R</i>)-2-(4-{[2,3-H-3(2)]-Isobutylphenyl})-propionic acid	2006	49	3	237–244
1- <i>and</i> 3-(4-Isocyanatobenzyl)triethylene-tetraaminehexa-acetic acid, [Sm-153] complexes	2006	49	2	109–123

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Isopropyl triphenyl phosphonium iodide, [1,1,1,2,3,3,3-H ₂ (7)]	2006	49	1	47–54
Isosorbide, [U-C-14]	2006	49	4	333–337
J				
Jasmonic acid and methyl ester, [2-H-2(2)], [12-H-2(3)]	2005	48	11	797–809
K				
L				
(2 <i>S</i> ,3 <i>S</i> ,4 <i>R</i>)-Leucine, [3,4,5,5,5-H-2(5)]	2006	49	3	229–235
Lignins, plant and mammalian, [C-13]	2005	48	13	951–969
M				
Mandelic acid, [1-C-14]	2006	49	8	699–705
Matairesinol, [7,7',9'-C-13(3)]	2005	48	13	951–969
Meso-tetraphenylporphyrins, [H-2]	2006	49	7	595–601
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3,4- <i>bis</i> -(3'-Methoxy-([α -C-13(1)]-benzyl)-dihydro-2(3 <i>H</i> -furanone, [<i>carbonyl</i> -C-13])	2005	48	13	951–969
4-(3'-Methoxy-([α -C-13(1)]-benzyl)-dihydro-2(3 <i>H</i> -furanone, [<i>carbonyl</i> -C-13])	2005	48	13	951–969
3-Methoxy-([α -C-13(1)]-benzyl) bromide and iodide	2005	48	13	951–969
2-(3'-Methoxy-([α -C-13(1)]-benzyl)-3-cyanopropanol, [<i>ciano</i> -C-13])	2005	48	13	951–969
2-(3'-Methoxy-([α -C-13(1)]-benzyl)-3-(<i>O</i> -tosyloxy)-propanol	2005	48	13	951–969
2-(3'-Methoxy-([α -C-13(1)]-benzyl)-propane-1,3-diol	2005	48	13	951–969
<i>N</i> -Methoxybrassinin, [4',5',6',7'-H ₂ (4)]	2006	49	1	33–45
<i>N</i> -Methoxybrassinin, [S-methyl,4',5',6',7'-H ₂ (7)]	2006	49	1	33–45
<i>N</i> -([H-3(1)]-Methoxycarbonyl)- <i>L</i> - <i>tert</i> -leucine	2005	48	14	1041–1047
1-Methoxy-3-indolylacetaldoxime, [4',5',6',7'-H ₂ (4)]	2006	49	1	33–45
1-Methoxy-3-indolylacetaldoxime, [1'',1'',1'',4',5',6',7'-H-2(7)]	2006	49	1	33–45
[C-11]-Methylation by Pd-mediated reaction of alkenyl-zirconocenes	2006	49	2	91–100
(<i>R</i>)- <i>N</i> ⁵ , <i>N</i> ¹⁰ -Methylene-5,6,7,8-tetrahydrofolate, [H-2] or [H-3]	2005	48	10	759–769
Methyl iodide, [C-11]	2006	49	2	91–100
Methyl iodide, [C-11]	2006	49	3	295–304
Methyl iodide, [H-2(3)]	2006	49	4	311–319
(-)-{(<i>R,R</i>)-2-(Methyl ([H-2(3)]methylamino)cyclohexyl)- dimethyl ([H-2(3)]methyl) ammonium iodide	2006	49	2	153–161
(-)-{(<i>R,R</i>)-2-(Methyl ([H-2(3)]methylamino)cyclohexyl)-di([H-2(3)]methyl)methyl ammonium iodide	2006	49	2	153–161
2-Methylnicotinic acid, [<i>carbonyl</i> -C-14]	2006	49	9	789–799
2-Methylnicotinic acid [C-13(4)] and ethyl ester	2006	49	9	789–799
<i>N</i> -Methylolacrylamide, [C-13] and/or [N-15]	2005	48	14	1031–1039

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5-([C-13]-Methyl)-4-oxo-3,4-dihydro-([5,6-C-13(2); 1,8-N-15(2)])pyrrolo[2,1- <i>f</i>][1,2,4]triazine-6-carboxylic acid, [<i>carbonyl</i> -C-13], ethyl ester	2006	49	2	139–145
<i>N</i> -(1-Methyl-2-oxo-5-phenyl-2,3-dihydro-1 <i>H</i> -1,4-benzo[<i>e</i>]diazepin-3-yl) benzamide, [<i>carbonyl</i> -C-14]	2006	49	1	71–76
Methyl <i>D</i> - <i>threo</i> -phenidate	2006	49	5	455–458
4-{5-(4-([C-11]-Methyl)phenyl)-3-(trifluoromethyl)-pyrazol-1-yl}benzenesulfonamide <i>also Celecoxib</i>	2005	48	12	887–895
2-([C-11]-Methyl)propenyl benzene	2006	49	2	91–100
5-{1-([C-11]-Methyl)-2-(<i>S</i>)-pyrrolidinyl)methoxy}-2-chloro-3-{ <i>E</i> -2-(2-fluoropyridin-4-yl)vinyl}pyridine, <i>also FPVC</i>	2006	49	5	459–462
2-Methyltetralone, [H-2], kinetic and thermodynamic influences upon lability of label in presence of bases	2006	49	8	707–732
ML04, [F-18]	2006	49	6	533–543
N				
Nexavar, [H-2, C-14, N-15]	2006	49	7	603–613
Nonadecanoic acid, [2-H-2(2)]	2006	49	8	675–682
Nonadecanonitrile, [2-H-2(2)]	2006	49	8	675–682
{3-Oxo-2-[<i>Z</i> -pent-2-en-1-yl]-cyclopentyl}acetic acid, [1,1-H-2(2)], <i>and</i> methyl ester	2005	48	11	797–809
{3-Oxo-2-(<i>Z</i> -[5-H-2(3)]-pent-2-en-1-yl)-cyclopentyl}-acetic acid, <i>and</i> methyl ester	2005	48	11	797–809
O				
Octadecanol, [1,1-H-2(2)]	2006	49	8	675–682
Octanoic acid, [3-C-13(1)]	2006	49	2	171–176
<i>N</i> -(2-Oxo-5-phenyl-2,3-dihydro-1 <i>H</i> -1,4-benzo[<i>e</i>]diazepin-3-yl)-benzamide, [<i>benzamide</i> -C-14(1)]	2006	49	1	71–76
P				
{1-(<i>Z</i> -Pent-2-en-1-yl)-6,10-dioxo-8,8-dimethylspiro-[4.5]dec-2-yl}acetic acid, [1,1-H-2(2)], methyl ester	2005	48	11	797–809
{1-(<i>Z</i> -[5-H-2(3)]-Pent-2-en-1-yl)-6,10-dioxo-8,8-dimethylspiro-[4.5]dec-2-yl}acetic acid, methyl ester	2005	48	11	797–809
4-Phenylbutanoic acid, [1,2-C-13(2)]	2006	49	2	171–176
22-{4-[2-Phenyl-1,3-dioxolan-2-yl]-phenoxy}-23, 24-bisnorcholan-5-en-3 β -ol, [3 α -H-3(1)]	2005	48	11	781–788
2-Phenylethanol, [2,3,4,5,6-H-2(5)]	2005	48	12	897–907
2-Phenylethylamine, [2,3,4,5,6-H-2(5)]	2005	48	12	897–907
2-Phenylethyl bromide, [2,3,4,5,6-H-2(5)]	2005	48	12	897–907
2-Phenylethyl thiocyanate <i>and</i> isothiocyanate, [2,3,4,5,6-H-2(5)]	2005	48	12	897–907
Phenyl isocyanate, [C-11], from [C-11]-CO ₂	2006	49	4	321–330
<i>N</i> ^z -(Phenylmethoxycarbonyl)- <i>O</i> -(3,4,6-tri- <i>O</i> -acetyl-2-deoxy-2-fluoro- <i>D</i> -glucopyranosyl)- <i>L</i> -serine, [F-18], benzyl ester	2006	49	2	101–108

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2-Phenylpropionitrile, [2,3,4,5,6-H-2(5)]	2005	48	12	897–907
Phloretin, [H-2(4)]	2006	49	6	479–487
Phloridzin, [H-2(4)]	2006	49	6	479–487
(2 <i>S</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>S</i>)-Proline, [3,4,5-H-2(3)]	2006	49	3	229–235
Propanoic acid, [3,3,3-H-2(3)]	2006	49	2	171–176
<i>E</i> -1-(<i>S</i>)-2-[(Pyrrolidin-1-ylmethyl)-pyrrolidin-1-yl]-3-[4-(trifluoromethyl)phenyl]-[2-C-14(1)]-propenone	2005	48	14	1025–1029
Q				
R				
Reyataz, [H-2(3)]	2005	48	14	1041–1047
RO275646, [H-3], h.s.a.	2005	48	14	1013–1024
S				
S-14506, [C-11] <i>or</i> [F-18]	2005	48	13	971–981
Sodium lauryl sulphate, [1-C-14(1)]	2005	48	14	1055–1058
SPA-RQ, [F-18]	2006	49	1	17–31
Suberoyl anilide hydroxamic acid, <i>also SAHA</i> , <i>vorinostat</i> , [C-14]	2006	49	5	437–443
Succinimidyl 4-fluorobenzoate, [F-18]	2006	49	3	269–283
T				
[Tc-99 m] diphosphine complexes	2005	48	12	909–921
[Tc-99 m]-tin fluoride	2006	49	6	505–516
[Tc-99 m]tricarbonyl complexes of cyclic polyamines	2005	48	14	1003–1012
[Tc-99 m]tricarbonyl complexes in derivatisation of γ -globulins and annexin V	2005	48	12	873–885
1,3,4,6-Tetra- <i>O</i> -acetyl-2-deoxy-2-fluoro-D-glucopyranose, [F-18]	2005	48	10	701–719
4,5,6,7-Tetrachloro-2-([H-3(3)]-methyl)-2-{2-(trimethylammonium)ethyl}-isoindol-1,3-dione iodide	2006	49	5	471–478
3,4,6-Tri- <i>O</i> -acetyl-2-deoxy-2-fluoroglucopyranosyl bromide, [F-18], as fluoroglycosylation reagent	2006	49	2	101–108
3-[(4-Trifluoromethyl)phenyl]acrylic acid, [2-C-14(1)]	2005	48	14	1025–1029
(<i>R</i>)-2,7,8-Trimethyl-5-([C-14]-methyl)-2-{3 <i>E</i> ,7 <i>E</i> -4,8,12-trimethyltrideca-3,7,11-trienyl}-chroman-6-ol, <i>also</i> 5- <i>CH</i> ₃ - α -tocotrienol, [5-C-14]	2006	49	8	733–743
(<i>R</i>)-2,7,8-Trimethyl-5-([H-2(3)]-methyl)-2-{3 <i>E</i> ,7 <i>E</i> -4,8,12-trimethyltrideca-3,7,11-trienyl}-chroman-6-ol, <i>also</i> 5- <i>CD</i> ₃ - α -tocotrienol	2006	49	8	733–743
Trimethyl([H-2(29)]tetradecyl)ammonium bromide	2006	49	2	147–151
Triphenyl([3-H-2(3)]-propyl)phosphonium bromide	2005	48	11	797–809
U				
UDP-3- <i>O</i> -acyl- <i>N</i> -([H-3(1)]-acetyl)-glucosamine	2005	48	14	1049–1054
Ureas, [C-11]	2006	49	4	321–330

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Vorinostat, [8-carboxy-C-14] and [phenyl-C-14]	2006	49	5	437–443
W				
X				
Y				
Z				