

Compound Index

September 2007—September 2008

[Volume 50, Part 11—Volume 51, Part 10 *inclusive*]

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<i>N</i> -{(1 <i>R</i>)-Boronylidene}-3-(2-naphthyl)- <i>D</i> -alanate, [3-C-14(1)], <i>t</i> -butyl ester	2008	51	4	195–201
<i>N</i> -{(1 <i>R</i>)-Boronylidene}-3-(2-naphthyl)- <i>D</i> -alanate, [1,2,3-C-14(3)], <i>t</i> -butyl ester	2008	51	4	195–201
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(2 <i>S</i> ,3 <i>S</i> ,4 <i>S</i> ,5 <i>R</i> ,6 <i>R</i> ,7 <i>R</i>)-7- <i>tert</i> -Butyldimethylsilyloxy-3-hydroxy-5,6- <i>O</i> -isopropylidene-2,4,6-trimethylnonanoic acid, and benzyl ester	2008	51	5	218–225
(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i>)-1- <i>tert</i> -Butyldiphenylsilyloxy-3,5-dihydroxy-2,4-dimethyl-4-[(C-13)-methoxy]-heptanol	2008	51	5	213–217
(2 <i>S</i> ,3 <i>R</i> ,4 <i>R</i> ,5 <i>R</i>)-1- <i>tert</i> -Butyldiphenylsilyloxy-3,5- <i>O</i> -isopropylidene-2,4-dimethyl-4-[(C-13)-methoxy]-heptanol	2008	51	5	213–217

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4-(2-Chloro-5-fluorobenzoylamino)-3-methoxybenzoic acid, [<i>amido</i> -C-13; <i>methoxy</i> -C-13, H-2(3)] or [<i>carboxyl</i> -C-14]	2008	51	6	268–272
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6-[(S)-(4-Chlorophenyl)(1H-1,2,4-triazolyl)methyl]-1-(2-fluoroethyl)-1H-benzotriazole, [F-18]	2008	51	5	207–212
Cholic acid, [<i>carboxyl</i> -C-14]	2008	51	5	231–235
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Cyanocobalamin, [Co-57]	2008	51	1	59–63
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Cyclohexene, [3,3,4,4-H-2(4)]	2007	50	11	947–960
Cyclohexene, [1,2,3,4,5,6-H-2(6)]	2007	50	11	947–960
<i>cis,cis</i> -1,3-Cyclononadiene, [H-2(1)]	2007	50	11	947–960
Cyclopropane, [1-C-13(1); 2,2,3,3-H-2(4)]	2007	50	11	947–960

D

Dasatinib, [C-14] and [C-13;N-15]	2008	51	1	41–47
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(2S,3R,4R,5R)-3,5-Diacetoxy-1- <i>tert</i> -butyldiphenylsilyloxy-2,4-dimethyl-4-[(C-13)-methoxy]- heptanol	2008	51	5	213–217
(2S,3R,4R,5R)-3,5-Diacetoxy-2,4-dimethyl-4-[(C-13)-methoxy]-heptanoic acid	2008	51	5	213–217
(2S,3R,4R,5R)-3,5-Diacetoxy-2,4-dimethyl-4-[(C-13)-methoxy]-heptanol	2008	51	5	213–217
2-(Dialkylamino)-ethanols, [H-2]	2008	51	1	19–22
2-(Dialkylamino)-ethanethiols, [H-2]	2008	51	1	19–22
Dibenzyl 2,4-dimethylpyrrole-3,5-dicarboxylate, [2,4, <i>carboxy</i> , <i>carboxy</i> -C-13(4)]	2008	51	3	167–169
3,5-Dichloroaniline, [C-13(6)]	2008	51	7	283–285
<i>N</i> -(3,5-Dichlorobenzyl)-4-(fluoromethoxy)-benzene carboximidamide [<i>carbonyl</i> -C-14]	2007	50	13	1234–1235
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<i>N</i> -[2,5-Dimethoxybenzyl]- <i>N</i> -(5-fluoro-2-phenoxyphenyl)-acetamide, [<i>carbonyl</i> -C-11]	2007	50	13	1192–1199
4-(2-(4,6-Dimethoxypyrimidin-2-yloxy)-benzylideneamino)-benzoate, [4,6-C-14(2)], propyl ester	2008	51	4	182–186
4-(2-(4,6-Dimethoxypyrimidin-2-yloxy)-benzylideneamino)-benzoate, [3,4,5,6-H-3(4)], propyl ester	2008	51	4	182–186
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<i>N,N</i> -Dimethylacetamide, [H-2(9)]	2008	51	1	28–32
3-(2-Dimethylamino-[1,1,2,2-H-2(4)]-ethyl)-1H-indol-5-ol	2007	50	14	1262–1265

E

4,5 α -Epoxy-3,6 α -dimethoxy-17-methyl-6 α ,14 α -etheno-morphinane-7-carbonitrile, [6 α - <i>methoxy</i> -H-2(3)]	2007	50	13	1143–1147
1-(4,5 α -Epoxy-3,6 α -dimethoxy-17-methyl-6 α ,14 α -etheno-morphinane-7 α -yl)-butan-1-one, [6 α - <i>methoxy</i> -H-2(3)]	2007	50	13	1143–1147
2-(4,5 α -Epoxy-3,6 α -dimethoxy-17-methyl-6 α ,14 α -etheno-morphinane-7 α -yl)-pentan-2-ol, [6 α - <i>methoxy</i> -H-2(3); 1,1,1-H-2(3)]	2007	50	13	1143–1147
4,5 α -Epoxy-3,6 α -dimethoxy-17-methylmorphin-7-ene, [6 α - <i>methoxy</i> -H-2(3)]	2007	50	13	1143–1147
4,5 α -Epoxy-19-[1-hydroxy-1-[(1,1,1-H-2(3))-methyl]-butyl]-6 α -methoxy-17-methyl-6 α , 14 α -ethano-morphinane-7-en-3-ol, [6 α - <i>methoxy</i> -H-2(3)] also Etorphine	2007	50	13	1143–1147
4,5 α -Epoxy-19-[1-hydroxy-1-[(1,1,1-H-2(3))-methyl]-butyl]-6 α -methoxy-17-methyl-6 α , 14 α -ethano-morphinane-3-ol, [6 α - <i>methoxy</i> -H-2(3)] also Dihydroetorphine	2007	50	13	1143–1147
Etorphine and Dihydroetorphine	2007	50	13	1143–1147
Epibrassinolide, [7,7-H-2(2)]	2007	50	13	1153–1158

Ethylamine, [1,2-H-3(2)]	2008	51	2	113–117
Ethylene, [1,2-H-2(2)], <i>cis</i> and <i>trans</i>	2007	50	11	947–960
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Fluoroacetaldehyde, [F-18]	2008	51	6	262–267
Fluoroacetate, [F-18]	2008	51	7	297–301
4-Fluorobenzaldehyde, [F-18]	2007	50	14	1284
2-, 5-, and 6-Fluoro-D-DOPA, [F-18]	2007	50	14	1236–1242
<i>N</i> -2-{4- <i>N</i> -(4-Fluorobenzamido)-phenyl}-propyl-2-propanesulfonamide, [F-18]	2007	50	13	1169–1175
<i>N</i> -{6-(4-Fluorobenzylidene)aminoxyhexyl}-maleimide, [F-18]	2007	50	14	1284
4-Fluorobenzaldehyde <i>O</i> -{2-(2-{2-[2-(2,5-dioxopyrrolidin-1-yl)ethoxy]ethoxy}ethoxy)ethyl}oxime, [F-18]	2007	50	14	1284
<i>N</i> -(4-Fluorobenzyl)-4-(3-piperidiny)-indole-1-sulfonyl)-benzamide, [F-18]	2008	51	3	146–152
<i>N</i> -(4-Fluorobenzyl)-2-bromoacetamide, [F-18]	2008	51	10	352–356
4-Fluorobenzyl bromide, [F-18]	2008	51	3	146–152
<i>N</i> -(4-Fluorobutyl)- <i>N</i> -{3-[3-(thiophene-2-carbonyl)-pyrazolo[1,5- <i>a</i>]-pyrimidin-7-yl]-phenyl}-acetamide, [F-18]	2008	51	3	123–131
<i>N</i> ³ -4-[(4-Fluoromethyl)phenyl]-butylthymidine, [F-18]	2007	50	13	1185–1191
<i>N</i> ³ -5-[(4-Fluoromethyl)phenyl]-pentylthymidine, [F-18]	2007	50	13	1185–1191
2-Fluoro- <i>N</i> -methyl- <i>N</i> -{3-[3-(thiophene-2-carbonyl)-pyrazolo[1,5- <i>a</i>]-pyrimidin-7-yl]-phenyl}-acetamide, [F-18]	2008	51	3	123–131
4-Fluoro- <i>N</i> -methyl- <i>N</i> -{3-[3-(thiophene-2-carbonyl)-pyrazolo[1,5- <i>a</i>]-pyrimidin-7-yl]-phenyl}-benzamide, [F-18]	2008	51	3	123–131
3-Fluoropropyl thiocyanate, [F-18]	2008	51	1	23–27
<i>N</i> -(3-Fluoropropyl)- <i>N</i> -{3-[3-(thiophene-2-carbonyl)-pyrazolo[1,5- <i>a</i>]-pyrimidin-7-yl]-phenyl}-acetamide, [F-18]	2008	51	3	123–131
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<i>N</i> -{3-[2-Fluoropyridin-3-yloxy]-propyl}-2-bromoacetamide, [F-18]	2007	50	13	1159–1168
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2-Hydroxybenzaldehyde, [3,4,5,6-H-3(4)]	2008	51	4	182–186
4-Hydroxybenzoic acid, [1-C-13(1)]	2007	50	14	1266–1272
4-(2-Hydroxybenzylideneamino)-benzoic acid, [3,4,5,6-H-3(4)], propyl ester	2008	51	4	182–186
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2-(6-Hydroxy-2-naphthyl)-propanoic acid, [1,4,7-H-2(3)]	2007	50	14	1272–1275
(<i>R,S</i>)-2-(6-Hydroxy-2-naphthyl)-propanoic acid, [3-H-2(3)], and ethyl ester	2008	51	5	239–241
4-Hydroxy-1-(3-pyridyl)-1-butanone, [<i>aryl</i> -2,4,5,6-H-2(4)]	2008	51	5	226–230
Hymecromone, [2,4-C-13(2)]	2008	51	3	167–169
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Iodovinyl peptide conjugates, [I-123]	2008	51	1	48–53
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K				
L				
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M				
Methane, [C-11]	2008	51	3	153–158
L-Methionine, [<i>methyl</i> -C-11(1)]	2008	51	1	83–86
(4a <i>S</i> ,6 <i>R</i> ,8a <i>S</i>)-3-([H-2(3)]-Methoxy)-5,6,9,10,11,12-hexahydro-4a <i>H</i> -benzofuro[3a,3,2, <i>ef</i>]-benzazepin-6-ol	2008	51	5	231–235
(4a <i>S</i> ,6 <i>R</i> ,8a <i>S</i>)-3-([H-2(3)]-Methoxy)-11-([H-2(3)]-methyl)-5,6,9,10,11,12-hexahydro-4a <i>H</i> -benzofuro[3a,3,2, <i>ef</i>]benzazepin-6-ol	2008	51	5	231–235
(<i>S</i>)-5-Methoxymethyl-3-[6-(4,4,4-trifluorobutoxy)-benzo[<i>d</i>]-isoxazol-3-yl]-oxazolidin-2-one, [<i>carbonyl</i> -C-11]	2008	51	3	153–158
(<i>R,S</i>)-2-(6-Methoxy-2-naphthyl)-propanoic acid, [3-H-2(3)], and ethyl ester	2008	51	5	239–241
3-Methoxy-4-nitrobenzoic acid, [<i>methoxy</i> -C-13(1), H-2(3)], methyl ester	2008	51	6	268–272
6-(3-Methoxyphenyl)-furo[2,3- <i>d</i>]-pyrimidin-2(3 <i>H</i>)-one, [C-11]	2008	51	3	159–166
6-(3-Methoxyphenyl)-3-[(2-hydroxyethoxy)-methyl]-furo[2,3- <i>d</i>]-pyrimidin-2(3 <i>H</i>)-one, [C-11]	2008	51	3	159–166
4-[3-[4-(2-Methoxyphenyl)-piperazinyl]-propoxy]-4-aza-tricyclo[5.2.1.0 ^{2,6}]-dec-8-en-3,5-dione, [<i>methoxy</i> -C-11]	2008	51	3	132–136
(<i>R</i>)-2-Methoxy- <i>N-n</i> -propyl- <i>nor</i> -apomorphine, [H-3]	2007	50	13	1211–1214
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4-Methylstyrene, [H-2], and deuteration of,	2007	50	14	1278–1279
4-[3-[4-(1-(Methyl-1 <i>H</i> -indol-3-yl)-2,5-dihydrofuran-3-yl)-1 <i>H</i> -indol-3-yl]-piperidine-1-carboxylic acid, [<i>methyl</i> -H-3(3)], <i>t</i> -butyl ester	2008	51	4	175–181
4-[3-[4-(1-(Methyl-1 <i>H</i> -indol-3-yl)-4-(1-piperidin-4-yl)-1 <i>H</i> -indol-3-yl)-pyrrole-2,5-dione, [<i>methyl</i> -H-3(3)]	2008	51	4	175–181
<i>N</i> -Methylmorpholine- <i>N</i> -oxide, [H-2(11)]	2008	51	1	28–32
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol, [<i>aryl</i> -2,4,5,6-H-2(4)]	2008	51	5	226–230
4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone, [<i>aryl</i> -2,4,5,6-H-2(4)]	2008	51	5	226–230
Methyl triflate, [C-11]	2008	51	3	159–166
Methyl nonafluorobutyl-1-sulfonate, [C-11]	2007	50	13	1230–1233
N				
3-(2-Naphthyl)- <i>D</i> -alanate, [1-C-14(1)], <i>t</i> -butyl ester	2008	51	4	195–201
3-(2-Naphthyl)- <i>D</i> -alanate, [1,2,3-C-14(3)], <i>t</i> -butyl ester	2008	51	4	195–201
Nitrosornicotine, [2,4,5,6-H-2(4)]	2008	51	5	226–230
O				
<i>cis</i> , <i>cis</i> -1,3,5-Octatriene, [7,7-H-2(2)]	2007	50	11	947–960
Octyl acetate, [1-C-13]	2008	51	3	167–169
Octyl acetoacetate, [1,3-C-13(2)]	2008	51	3	167–169
2-Oxo-2-adamantylacetate, ethyl ester, [1,2-C-14(2)]	2007	50	13	1224–1229
2-Oxo-2-(3-hydroxy-adamantyl)-acetic acid, [1,2-C-14(2)], and ethyl ester	2007	50	13	1224–1229
P				
Phenol, [4-C-13(1)]	2007	50	14	1266–1272
Phenylcyclopropane, [H-2]	2007	50	11	947–960
Phenylpyruvic acid, [H-2], [H-3] and [C-14] labelled	2008	51	8	321–324
5-Phenyl-1 <i>H</i> -tetrazole, [2',3',4',5',6'-H-2(5)]	2008	51	7	293–296
Phosgene, [C-11]	2008	51	3	153–158
6 β -([1-C-13]-Propoxy)-celangulin V	2008	51	2	109–112
Pyronaridine tetraphosphate, [C-14]	2007	50	14	1248–1254
Q				
R				
S				
5'- <i>O</i> -{ <i>N</i> -(Salicyl)sulfamoyl}adenosine, [H-2(4)]	2008	51	2	118–122
Saxagliptin, [C-14]	2007	50	13	1224–1229
SCH 209702, [C-14(1)] or [H-2(8)]	2008	51	5	231–235
<i>N</i> -Succinimidyl 4-fluorobenzoate, [F-18]	2007	50	14	1255–1259
<i>N</i> -Succinimidyl 4-fluorobenzoate, [F-18]	2008	51	1	68–71
T				
Taxa-4(20),11(12)-diene-5-acetate and 10-ol deriv., [H-3]	2008	51	9	325–328
[Tc-99m]-4-(cyclohexylpiperazin-1-yl)-dithioformate complex	2007	50	13	1200–1205
[Tc-99m]-labelled hypercin deriv.	2008	51	1	33–40

[Tc-99m]-triquo-tricarbonyl	2007	50	14	1243–1247
[Tc-99m]-tricarbonyl-(1-hydroxy-4-aminobutylidene-1,1-bis-phosphate complex	2007	50	14	1243–1247
[Tc-99m]-tricarbonyl labelled 2- and 4-nitroimidazole	2008	51	8	308–313
[Tc-99m]-tricarbonyl labelled thioflavin-T derivs.	2008	51	10	357–367
[Tc-99m]-tricarbonyl system—new pyrazolylamine phosphonate monoester chelator for,	2007	50	13	1176–1184
4-(Tetrahydro-2H-pyran-2-yl)oxy-2E-nonenal, [1,2-C-13(2)]	2008	51	2	87–92
(22R, 23R, 24R)-2 α ,3 α ,22,23-Tetrahydroxy-B-homo-7-oxa-5 α -ergostan-6-one, [7,7-H-2(2)] also epibrassolide	2007	50	13	1153–1158
(E)-2,3',4,5'-Tetramethoxystilbene, [2-methoxy-C-11]	2007	50	13	1206–1210
Tipranavir, [C-14] and [C-13(6)]	2008	51	8	314–320
2,4,6-Trichloroaniline, [C-13(6)]	2008	51	7	283–285
1,3,5-Trichlorobenzene, [C-13(6)]	2008	51	7	283–285
(2S,3S,4S,5R,6R,7R)-3,6,7-Trihydroxy-2,4,6-trimethyl-nonan-5-olide, [1-C-13]	2008	51	5	218–225
			U	
			V	
Vinylcyclopropanes, [H-2]	2007	50	11	943–960
			W	
			X	
Ximelagatran, [C-11]	2008	51	1	1–5
			Y	
			Z	
Zaleplon, [H-2(5)]	2008	51	1	72–76

Note: Parts 10 and 12 of Volume 50 (2007) contain review articles in which the chemical or physical properties of isotopically labelled compounds are discussed. In general, these compounds are not reported in this Index since details of their preparation already occur in the chemical literature.