

John Harry MacMillan Ph.D.

Chemspider Structure Depositions



Below are listed in chronological order my complete list of Chemspider structure depositions and data. These compounds are previously unreported materials which were synthesized by me during my career. Combustion data, physical constants, infrared spectra and proton NMR are archived. Download freely any material of interest by clicking the “DATA” link or the other link for the Chemspider structure and reference.

1. John Harry MacMillan “5-Methylene-1,7-octadiene-4-ol”,

[Chemspider structure deposition, September 6, 2013.](#)

[DATA](#)

2. John Harry MacMillan “4,4-Dimethyl-1,5-hexadiyn-3-ol”,

[Chemspider structure deposition, September 7, 2013](#)

[DATA](#)

3. John Harry MacMillan “4-methyl-1,5-hexadiyn-3-ol”,

[Chemspider structure deposition, September 7, 2013](#)

[DATA](#)

4. John Harry MacMillan “3-methyl-1,5-hexadiyn-3-ol”,
[Chemspider structure deposition, September 8, 2013](#)

[DATA](#)

5. John Harry MacMillan
“4-Isopropylidene-2-cyclobutene-1-carbaldehyde”
[Chemspider structure deposition, September 8, 2013](#)

[DATA](#)

6. John Harry MacMillan
“1-(4-Methylene-2-cyclobuten-1-yl) ethanone ”
[Chemspider structure deposition, September 8, 2013](#)

[DATA](#)

7. John Harry MacMillan
“4-Methylene-2-cyclobuten-1-carbaldehyde ”
[Chemspider structure deposition, September 9, 2013](#)

[DATA](#)

8. John Harry MacMillan
“2-Methyl-1-phenyl-3-butyn-2-ol”
[Chemspider structure deposition, September 9, 2013](#)

[DATA](#)

9. John Harry MacMillan

“2-Methylene-4-pentyn-1-ol”

[Chemspider structure deposition, September 10, 2013](#)

[DATA](#)

10. John Harry MacMillan

“2-Benzyl-2-propen-1-ol”

[Chemspider structure deposition, September 10, 2013](#)

[DATA](#)

11. John Harry MacMillan

“4-methyl-2-methylene-4-pentene--1-ol”

[Chemspider structure deposition, September 11, 2013](#)

[DATA](#)

12. John Harry MacMillan

“2-methylene-1-pentanol”

[Chemspider structure deposition, September 11, 2013](#)

[DATA](#)

13. John Harry MacMillan

“2-Methyl-4-penten-1-ol”

Chemspider structure deposition, September 11, 2013

DATA

14. John Harry MacMillan

“1-Hexen-4-yn-3-ol”

Chemspider structure deposition, September 12, 2013

DATA

15. John Harry MacMillan

“4-(3-chloro-4-methylphenyl)-1,3(3H) Oxazine-2,6-Dione”

Chemspider structure deposition, September 12, 2013

DATA

16. John Harry MacMillan

“4-(3-Chloro-4-methylphenyl)-3-methyl-2H-1,3-oxazine-2,6(3H)-dione”

Chemspider structure deposition, September 14, 2013

[DATA](#)

17. John Harry MacMillan

[“4-\(4-Bromophenyl\)-3-methyl-2H-1,3-oxazine-2,6\(3H\)-dione”](#)

Chemspider structure deposition, September 14, 2013

[DATA](#)

18. John Harry MacMillan

[“5-\(3,4-Dichlorophenyl\)-3-ethyl-2H-1,3-oxazine-2,6\(3H\)-dione”](#)

Chemspider structure deposition, September 14, 2013

[DATA](#)

19. John Harry MacMillan

[“3-Methyl-4-\(4-methylphenyl\)-2H-1,3-oxazine-2,6\(3H\)-dione”](#)

Chemspider structure deposition, September 14, 2013

[DATA](#)

20. John Harry MacMillan

[“4-\(4-Bromophenyl\)-2H-1,3-oxazine-2,6\(3H\)-dione”](#)

Chemspider structure deposition, September 16, 2013

[DATA](#)

21. John Harry MacMillan

[“4-\(4-Methylphenyl\)-2H-1,3-oxazine-2,6\(3H\)-dione”](#)

Chemspider structure deposition, September 16, 2013

[DATA](#)

22. John Harry MacMillan

[“2-Methylene-4-penten-1-ol”](#)

Chemspider structure deposition, September 19, 2013

[DATA](#)

23. John Harry MacMillan

[“p-Fluorophenyl maleic anhydride”](#)

Chemspider structure deposition, September 19, 2013

[DATA](#)

24. John Harry MacMillan

[“p-Bromophenyl maleic anhydride”](#)

Chemspider structure deposition, September 19, 2013

[DATA](#)

25. John Harry MacMillan

“3-Chloro-4-methylphenyl maleic anhydride”

Chemspider structure deposition, September 19, 2013

DATA

26. John Harry MacMillan

“3-methylene-5-hexen-2-ol”

Chemspider structure deposition, September 20, 2013

DATA

27. John Harry MacMillan

“1,5-Hexadiyn-3-ol”

Chemspider structure deposition, September 23, 2013

DATA

28. John Harry MacMillan

“(2E)-2,5-Hexadienal”

Chemspider structure deposition, September 23, 2013

DATA

29. John Harry MacMillan

“N-[(Z)-(4-Methoxyphenyl)methylene]-N-[4-(2-methylbutoxy)phenyl]amine oxide”

Chemspider structure deposition, September 23, 2013

DATA

30. John Harry MacMillan

“ N-[(Z)-(4-Ethoxyphenyl)methylene]-N-[4-(2-methylbutoxy)phenyl]amine oxide”

Chemspider structure deposition, September 23, 2013

DATA

31. John Harry MacMillan

“ N-[4-(2-Methylbutoxy)phenyl]-N-[(Z)-(4-propoxyphenyl)methylene]amine oxide ”

Chemspider structure deposition, September 23, 2013

DATA

32. John Harry MacMillan

“ N-[(Z)-(4-Butoxyphenyl)methylene]-N-[4-(2-methylbutoxy)phenyl]amine oxide”

Chemspider structure deposition, September 23, 2013

DATA

33. John Harry MacMillan

“N-[4-(2-Methylbutoxy)phenyl]-N-[(Z)-(4-pentyloxyphenyl)methylene]amine oxide ”

Chemspider structure deposition, September 23, 2013

DATA

34. John Harry MacMillan

“N-[(Z)-(4-Hexyloxyphenyl)methylene]-N-[4-(2-methylbutoxy)phenyl]amine oxide”

Chemspider structure deposition, September 23, 2013

DATA

35. John Harry MacMillan

“N-[(Z)-(4-Heptyloxyphenyl)methylene]-N-[4-(2-methylbutoxy)phenyl]amine oxide”

Chemspider structure deposition, September 23, 2013

DATA

36. John Harry MacMillan

“N-[4-(2-Methylbutoxy)phenyl]-N-[(Z)-(4-octyloxyphenyl)methylene]amine oxide”

Chemspider structure deposition, September 23, 2013

DATA

37. John Harry MacMillan

"3-Methyl-1-hexen-5-yn-3-ol"

Chemspider structure deposition, September 25, 2013

DATA

38. John Harry MacMillan

"2,5-Diazido-1,4-benzoquinone"

Chemspider structure deposition, September 25, 2013

[DATA](#)

39. John Harry MacMillan

["1-\(2-Ethenylcyclopropyl\)ethanone"](#)

Chemspider structure deposition, September 25, 2013

[DATA](#)

40. John Harry MacMillan

["1-\(3-Cyclopenten-1-yl\)ethanone"](#)

Chemspider structure deposition, September 25, 2013

[DATA](#)

41. John Harry MacMillan

["5,6-Heptadien-2-one"](#)

Chemspider structure deposition, September 25, 2013

[DATA](#)

42. John Harry MacMillan

["3-Cyclopenten-1-carbaldehyde"](#)

Chemspider structure deposition, September 26, 2013

[DATA](#)

43. John Harry MacMillan

"4,5-Hexadienal"

Chemspider structure deposition, September 26, 2013

DATA

44. John Harry MacMillan

"N-(n-butyl)-p-(trans-4-n-pentylcyclohexyl) aniline"

Chemspider structure deposition, September 30, 2013

DATA

45. John Harry MacMillan

"N-(n-heptyl)-p-(trans-4-n-heptylcyclohexyl) aniline"

Chemspider structure deposition, September 30, 2013

DATA

46. John Harry MacMillan

"N-(n-heptyl)-p-(trans-4-n-pentylcyclohexyl) aniline"

Chemspider structure deposition, September 30, 2013

DATA

47. John Harry MacMillan

"4-n-Pentyl-4'-biphenylmethanamine"

Chemspider structure deposition, September 30, 2013

[DATA](#)

48. John Harry MacMillan

["4-n-Pentyl-4'-biphenylamine"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

49. John Harry MacMillan

["N-\(n-butyl\)-4-n-pentyl-4'-biphenylamine"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

50. John Harry MacMillan

["p-trans-\(4-n-propylcyclohexyl\)aniline"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

51. John Harry MacMillan

["p-trans-\(4-n-pentylcyclohexyl\)aniline"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

52. John Harry MacMillan

["p-trans-\(4-n-heptylcyclohexyl\)aniline"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

53. John Harry MacMillan

["p-trans-\(4-n-propylcyclohexylphenyl\)methanamine"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

54. John Harry MacMillan

["p-trans-\(4-n-pentylcyclohexylphenyl\)methanamine"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

55. John Harry MacMillan

["p-trans-\(4-n-heptylcyclohexylphenyl\)methanamine"](#)

Chemspider structure deposition, September 30, 2013

[DATA](#)

56. John Harry MacMillan

"N-Methyl-p-trans-(4-n-heptylcyclohexylphenyl)methanamine"

Chemspider structure deposition, September 30, 2013

DATA

57. John Harry MacMillan

"Methyl [4-(trans-4-pentylcyclohexyl)phenyl]carbamate"

Chemspider structure deposition, October 2, 2013

DATA

58. John Harry MacMillan

"4-(trans-4-Pentylcyclohexyl)benzamide"

Chemspider structure deposition, October 2, 2013

DATA

59. John Harry MacMillan

"N-[4-(trans-4-Heptylcyclohexyl)phenyl]heptanamide"

Chemspider structure deposition, October 2, 2013

[DATA](#)

60. John Harry MacMillan

["4-Pentyl-4'-biphenyl\)carboxamide"](#)

Chemspider structure deposition, October 3, 2013

[DATA](#)

61. John Harry MacMillan

["N-\(4-Pentylbiphenyl\)butanamide"](#)

Chemspider structure deposition, October 7, 2013

[DATA](#)

62. John Harry MacMillan

["Methyl-N-\(4-pentyl-4'-biphenyl\)carbamate"](#)

Chemspider structure deposition, October 6, 2013

[DATA](#)

63. John Harry MacMillan

["1-\[\(2E,4E\)-2,4-Hexadienoyl\]-4-\[\(1E,3E\)-1,3-pentadien-1-yl\]-1,4-dihydro-5H-tetrazol-5-one"](#)

Chemspider structure deposition, October 6, 2013

[DATA](#)

64. John Harry MacMillan

["\(1E,3E\)-1-Isocyanato-1,3-pentadiene"](#)

Chemspider structure deposition, October 6, 2013

[DATA](#)

65. John Harry MacMillan

["3-Imino-2-trimethylsilylpropanenitrile"](#)

Chemspider structure deposition, October 10, 2013

[DATA](#)

66. John Harry MacMillan

["2-\[\(2E\)-3-{1-Hydroxy-4-\[\(trimethylsilyl\)oxy\]-2-naphthyl}-2-triazen-1-yl\]-1,4-naphthoquinone"](#)

Chemspider structure deposition, October 10, 2013

[DATA](#)

67. John Harry MacMillan

["3-methyl-2H-1,3-oxazine-2,6\(3H\)-dione"](#)

Chemspider structure deposition, October 12, 2013

[DATA](#)

68. John Harry MacMillan

["3-4-dimethyl-2H-1,3-oxazine-2,6\(3H\)-dione"](#)

Chemspider structure deposition, October 12, 2013

[DATA](#)

69. John Harry MacMillan

"(3-²H)-3-Cyclopentene-1-carbaldehyde"

Chemspider structure deposition, October 17, 2013

DATA

70. John Harry MacMillan

"(2-²H₁)-4,5-Hexadienal"

Chemspider structure deposition, October 17, 2013

DATA

71. John Harry MacMillan

"(2E)-(2-²H)-2,5-Hexadienal"

Chemspider structure deposition, October 17, 2013

DATA

72. John Harry MacMillan

"E)-1-(2,4-Dinitrophenyl)-2-[(4-isopropylidene-2-cyclobuten-1-yl)methylene]hydrazine"

Chemspider structure deposition, October 20, 2013

DATA

73. John Harry MacMillan

"(2E)-1-(2,4-Dinitrophenyl)-2-[1-(4-methylene-2-cyclobuten-1-yl)ethylidene]hydrazine"

Chemspider structure deposition, October 20, 2013

DATA

74. John Harry MacMillan

"2-Cyclopentene-1-carbaldehyde"

Chemspider structure deposition, October 25 , 2013

DATA

75. John Harry MacMillan

"(1-²H)-2-Cyclopentene-1-carbaldehyde"

Chemspider structure deposition, October 25, 2013

DATA

76. John Harry MacMillan

"(1-²H)-3-Cyclopentene-1-carbaldehyde"

Chemspider structure deposition, October 25 , 2013

DATA

77. John Harry MacMillan

"(2-²H)-3-Cyclopentene-1-carbaldehyde"

Chemspider structure deposition, October 25, 2013

DATA

78. John Harry MacMillan
"6-(²H₁)-2E, 4E-hexadienal"

Chemspider structure deposition, October 27, 2013

DATA

79. John Harry MacMillan
"2-(²H₁)-2E, 4E-hexadienal"

Chemspider structure deposition, October 27, 2013

DATA

80. John Harry MacMillan
"6-(²H₁)-2E, 4Z-hexadienal"

Chemspider structure deposition, October 27, 2013

DATA

81. John Harry MacMillan
"2-(²H₁)-2E, 4Z-hexadienal"

Chemspider structure deposition, October 27, 2013

DATA

82. John Harry MacMillan

["2-\(²H₁\)-2Z, 4E-hexadienal"](#)

Chemspider structure deposition, October 29, 2013

[DATA](#)

83. John Harry MacMillan

["6-\(²H₁\)-2Z,4E-hexadienal"](#)

Chemspider structure deposition, October 29, 2013

[DATA](#)

84. John Harry MacMillan

["2-\(²H₁\)-2Z,4Z-hexadienal"](#)

Chemspider structure deposition, October 29, 2013

[DATA](#)

85. John Harry MacMillan

["6-\(²H₁\)-2Z,4Z-hexadienal"](#)

Chemspider structure deposition, October 29, 2013

[DATA](#)

86. John Harry MacMillan

["2-Hydroxy-4-imino-1\(4H\)-naphthalenone"](#)

Chemspider structure deposition, November 11, 2013

DATA

87. John Harry MacMillan

"3-methyl-2-methylene-1-butanol"

Chemspider structure deposition, November 18, 2013

DATA

88. John Harry MacMillan

"2,3,3-trimethyl-4-pentyn-2-ol"

Chemspider structure deposition, November 18, 2013

DATA

89. John Harry MacMillan

"1-Cyclopenten-1-ylmethanol"

Chemspider structure deposition, November 19, 2013

DATA

90. John Harry MacMillan

"1-Cyclopenten-1-ylethanol"

Chemspider structure deposition, November 20, 2013

DATA

91. John Harry MacMillan

["Methyl \[4-\(trans-4-propylcyclohexyl\)phenyl\]carbamate"](#)

Chemspider structure deposition, January 2, 2014

[DATA](#)

92. John Harry MacMillan

["Methyl \[4-\(trans-4-heptylcyclohexyl\)phenyl\]carbamate"](#)

Chemspider structure deposition, January 2, 2014

[DATA](#)

93. John Harry MacMillan

["N-\[4-\(trans-4-Pentylcyclohexyl\)phenyl\]heptanamide"](#)

Chemspider structure deposition, January 6, 2014

[DATA](#)

94. John Harry MacMillan

["N-\[4-\(trans-4-Pentylcyclohexyl\)phenyl\]butanamide"](#)

Chemspider structure deposition, January 6, 2014

[DATA](#)
