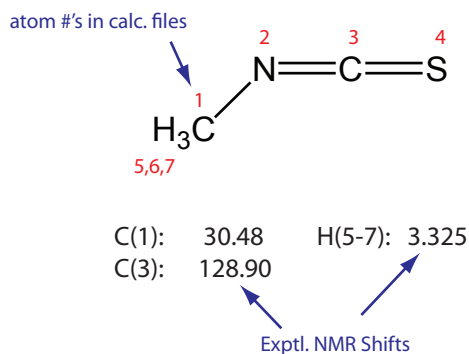


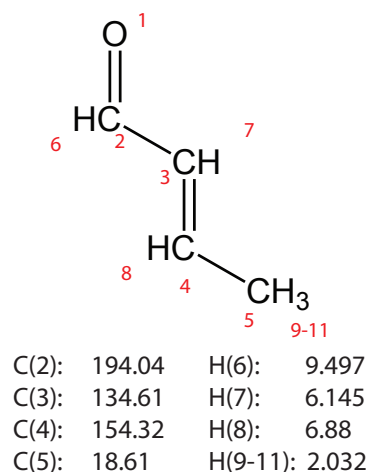
Probe Set

All NMR data in this set was obtained online from SDBS - Spectral Database for Organic Compounds, National Institute of Advanced Science and Technology (AIST), Japan.

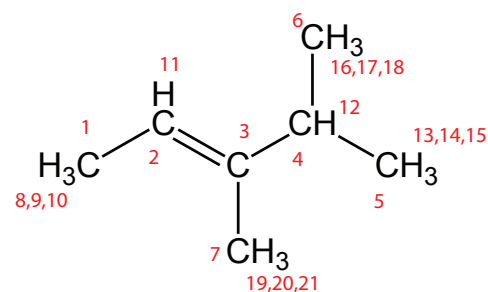
methyl isothiocyanate
SDBS-7 ← Exptl. Data Source



crotonaldehyde
(trans-2-butenal)
SDBS-72



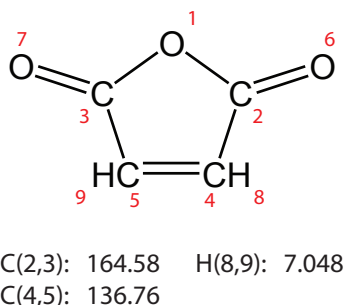
(E)-3,4-dimethyl-2-pentene
SDBS-205



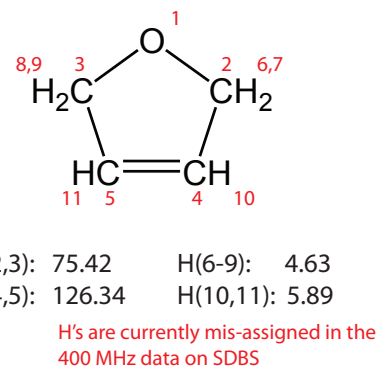
C(1): 13.21	H(8-10): 1.56
C(2): 115.93	H(11): 5.222
C(3): 141.67	H(12): 2.221
C(4): 36.99	H(13-18): 0.978
C(5,6): 21.52	H(19-21): 1.56
C(7): 13.06	

C1 & C7 assignment is uncertain

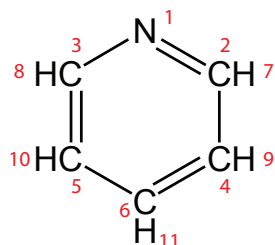
maleic anhydride
SDBS-475



2,5-dihydrofuran
SDBS-484

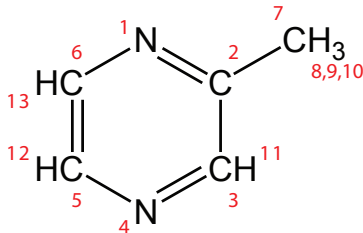


pyridine
SDBS-518



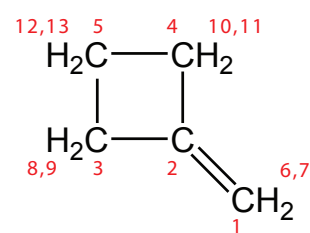
C(2,3): 149.94	H(7,8): 8.593
C(4,5): 123.55	H(9,10): 7.231
C(6): 135.89	H(11): 7.617

2-methylpyrazine
SDBS-520



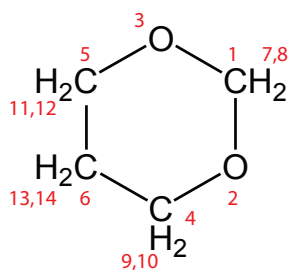
C(2): 154.11	H(8-10): 2.566
C(3): 144.85	H(11): 8.568
C(5): 141.90	H(12): 8.376
C(6): 143.90	H(13): 8.453
C(7): 21.53	

methylenecyclobutane
SDBS-522



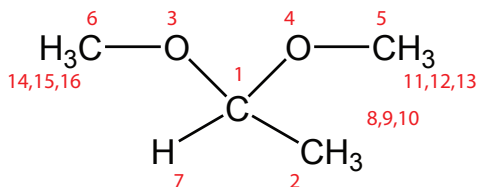
C(1): 104.79	H(6,7): 4.685
C(2): 150.62	H(8-11): 2.685
C(3,4): 32.08	H(12,13): 1.928
C(5): 16.76	

1,3-dioxane
SDBS-1231



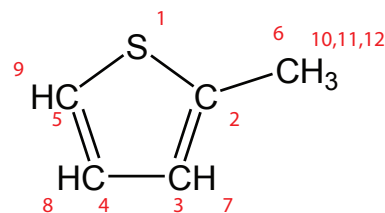
C(1): 94.28 H(7,8): 4.853
C(4,5): 66.94 H(9-12): 3.912
C(6): 26.64 H(13,14): 1.78

dimethylacetal
SDBS-1232



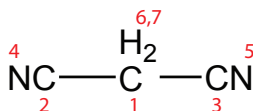
C(1): 101.24 H(7): 4.568
C(2): 18.80 H(8-10): 1.281
C(5,6): 52.31 H(11-16): 3.309

2-methylthiophene
SDBS-1828



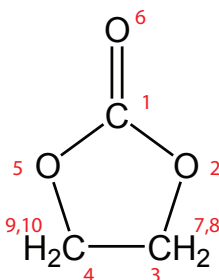
C(2): 139.50 H(7): 6.754
C(3): 125.14 H(8): 6.890
C(4): 126.86 H(9): 7.070
C(5): 123.03 H(10-12): 2.495
C(6): 14.95

malononitrile
SDBS-2210



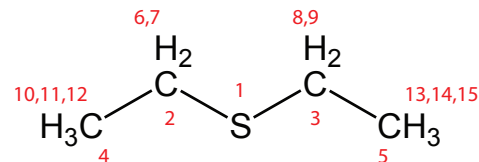
C(1): 8.77 H(6,7): 3.604
C(2,3): 109.35

ethylene carbonate
SDBS-2392



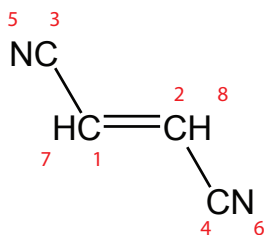
C(1): 155.92 H(7-10): 4.541
C(3,4): 65.05

ethyl sulfide
SDBS-3410



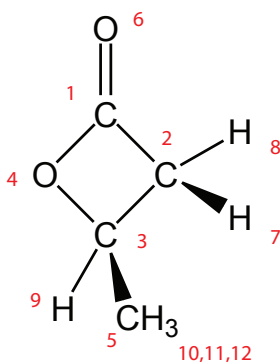
C(2,3): 25.50 H(6-9): 2.547
C(4,5): 14.80 H(10-15): 1.256

fumaronitrile
SDBS-3636



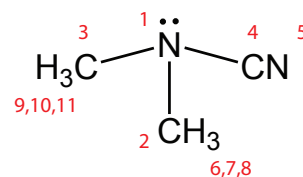
C(1,2): 119.33 H(7,8): 6.295
C(3,4): 114.26

beta-butyrolactone
SDBS-3667



C(1): 168.39 H(7): 3.083
C(2): 44.36 H(8): 3.560
C(3): 68.12 H(9): 4.704
C(5): 20.58 H(10-12): 1.563

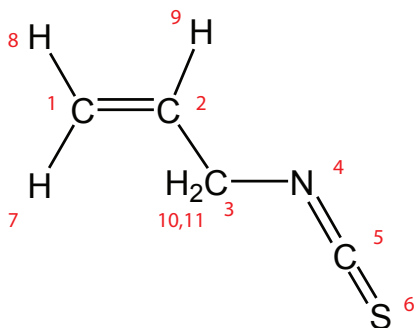
dimethylcyanamide
SDBS-3776



C(2,3): 40.53 H(6-11): 2.853
C(4): 119.36

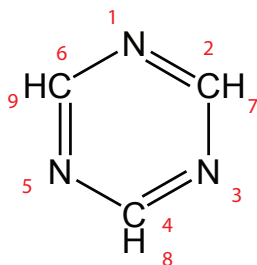
H7 & H8 assignment is uncertain
(but appears to be correct)

allyl isothiocyanate
SDBS-3870



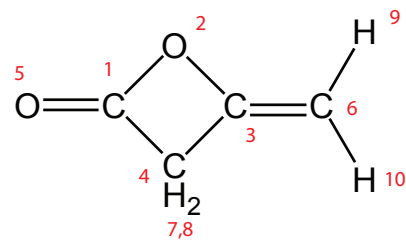
C(1): 117.49 H(7): 5.41
 C(2): 130.40 H(8): 5.30
 C(3): 47.12 H(9): 5.83
 C(5): 132.02 H(10,11): 4.147

1,3,5-triazine
SDBS-4011



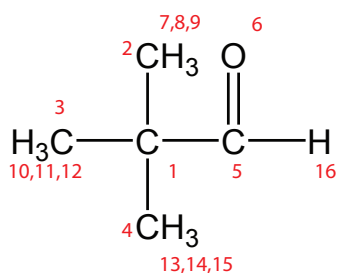
C(2,4,6): 166.14 H(7-9): 9.231

diketene
SDBS-5306



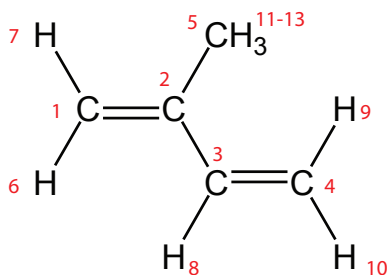
C(1): 165.18 H(7,8): 3.897
 C(3): 147.66 H(9): 4.877
 C(4): 42.40 H(10): 4.494
 C(6): 87.06

pivalaldehyde
SDBS-5412



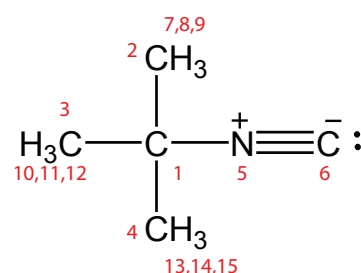
C(1): 42.50 H(7-15): 1.08
 C(2-4): 23.44 H(16): 9.48
 C(5): 205.83

isoprene
SDBS-7940



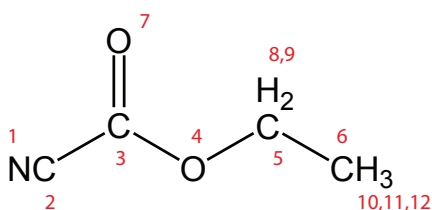
C(1): 113.64 H(6,7): 4.99
 C(2): 142.46 H(8): 6.44
 C(3): 139.82 H(9): 5.19
 C(4): 116.75 H(10): 5.06
 C(5): 17.85 H(11-13): 1.85

tert-butyl isocyanide
SDBS-18516



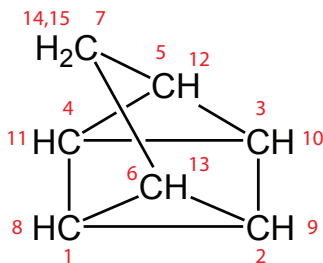
C(1): 54.14 H(7-15): 1.446
 C(2-4): 30.80
 C(6): 153.39

ethyl cyanoformate
SDBS-19115



C(2): 109.62 H(8-9): 4.412
 C(3): 144.44 H(10-12): 1.394
 C(5): 65.40
 C(6): 13.73

quadricyclane
SDBS-21034



C(1-4): 14.71 H(8-11): 1.478
 C(5,6): 22.99 H(12,13): 1.345
 C(7): 31.98 H(14,15): 2.013